UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Washington, DC 20460



AUTHENTICATION

I, Jennifer Noonan Edmonds, attest that I am the Director, Policy Analysis and Communications, Office of Air Quality Planning and Standards, Office of Air and Radiation of the United States Environmental Protection Agency (EPA or Agency) and that the attached documents are true, correct, and compared copies of the file copies in my legal custody, consisting of:

April 7, 2006, 71 Fed. Reg. 17712 (9 pages) April 13, 2023, Cost Memorandum Workbook (103 pages)

Subscribed under the penalty of perjury on this 18th day of August, 2023.

Jennifer Noonan Edmonds, Director Policy Analysis and Communications Office of Air Quality Planning and Standards Office of Air and Radiation

CERTIFICATION OF TRUE COPY

I, Jennifer Clark, certify that I am the Associate General Counsel, General Law Office, Office of General Counsel, of the United States Environmental Protection Agency; that I am the designee of the General Counsel for the purpose of executing certifications under 40 C.F.R. sec. 2.406; that I have duties in Washington, District of Columbia; and that the official whose signature appears above has legal custody pursuant to 40 C.F.R. sec. 2.406 of the original documents, copies of which are attached, as witnessed by my signature and the official seal of the United States Environmental Protection Agency.

Jennifer Clark
Associate General Counsel
General Law Office
Office of General Counsel

and by adding a new paragraph (h) to read as follows:

§ 51.373 Implementation deadlines.

* * * * *

(b) For areas newly required to implement basic I/M as a result of designation under the 8-hour ozone standard, the required program shall be fully implemented no later than 4 years after the effective date of designation and classification under the 8-hour ozone standard.

* * * * *

(d) For areas newly required to implement enhanced I/M as a result of designation under the 8-hour ozone standard, the required program shall be fully implemented no later than 4 years after the effective date of designation and classification under the 8-hour ozone standard.

(e) [Reserved]

* * * * *

(h) For areas newly required to implement either a basic or enhanced I/M program as a result of being designated and classified under the 8-hour ozone standard, such programs shall begin OBD testing on subject OBD-equipped vehicles coincident with program start-up.

[FR Doc. 06–3317 Filed 4–6–06; 8:45 am]

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 63

[EPA-HQ-OAR-2003-0197, FRL-8054-6] RIN 2060-AK09

Ethylene Oxide Emissions Standards for Sterilization Facilities

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final decision.

SUMMARY: This action finalizes our decision not to revise the Ethylene Oxide Emission Standards for Sterilization Facilities, originally promulgated on December 6, 1994. Within 8 years of promulgating these standards, the Clean Air Act directs us to assess the risk and to promulgate more stringent standards if necessary to protect public health with an ample margin of safety and to prevent adverse environmental effects. Also, within 8 years of promulgating the national emission standards, the Clean Air Act requires us to review and revise the standards as necessary, taking into account developments in practices, processes, and control technologies. Today's action reflects our findings that after conducting these risk and technology reviews, no additional control requirements are warranted. DATES: Effective Date: April 7, 2006. ADDRESSES: EPA has established a

ADDRESSES: EPA has established a docket for this action under Docket ID No. EPA-HQ-OAR-2003-0197. All documents in the docket are listed on the http://www.regulations.gov Web site. Although listed in the index, some information is not publicly available, e.g., confidential business information or other information whose disclosure is

restricted by statute. Certain other material, such as copyrighted material, is not placed on the Internet and will be publicly available only in hard copy form. Publicly available docket materials are available either electronically through http:// www.regulations.gov or in hard copy at the Air and Radiation Docket, EPA/DC, EPA West, Room B-102, 1301 Constitution Ave., NW., Washington, DC. The Public Facility is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Public Reading Room is (202) 566-1744, and the telephone number for the Air and Radiation Docket is (202) 566-1742.

FOR FURTHER INFORMATION CONTACT:

General and Technical Information. Mr. David Markwordt, Office of Air Quality Planning and Standards, Sector Policies and Programs Division, Coatings and Chemicals Group (E–143–01), Environmental Protection Agency, Research Triangle Park, North Carolina 27711, telephone (919) 541–0837, facsimile number (919) 685–3195, electronic mail (e-mail) address: markwordt.david@epa.gov.

Residual Risk Assessment
Information. Mr. Mark Morris, Office of
Air Quality Planning and Standards,
Health and Environmental Impacts
Division, Sector Based Assessment
Group (C539–02), Environmental
Protection Agency, Research Triangle
Park, North Carolina 27711, telephone
(919) 541–5470, facsimile number (919)
541–0840, electronic mail (e-mail)
address: morris.mark@epa.gov.

SUPPLEMENTARY INFORMATION: Regulated Entities. The regulated categories and entities affected by the national emission standards include:

Category	NAICS ^a	(SIC b)	Examples of regulated entities
Industry Federal/State/ local/tribal governments.	329112 339113 325412 311942 311423	(3841) (3842) (2834) (2099) (2034)	Operations at major and area sources that sterilize or fumigate medical supplies, pharmaceuticals, and spice.

^a North American Industry Classification System.

b Standard Industrial Classification.

This table is not intended to be exhaustive, but rather provides a guide for readers regarding entities likely to be affected by the national emission standards. To determine whether your facility would be affected by the national emission standards, you should examine the applicability criteria in 40 CFR 63.360. If you have any questions regarding the applicability of the

national emission standards to a particular entity, consult either the air permit authority for the entity or your EPA regional representative as listed in 40 CFR 63.13.

Worldwide Web (WWW). In addition to being available in the docket, an electronic copy of today's final decision will also be available on the WWW through the Technology Transfer Network (TTN). Following signature, a copy of the final decision will be posted on the TTN's policy and guidance page for newly proposed or promulgated rules at the following address: http://www.epa.gov/ttn/oarpg/. The TTN provides information and technology exchange in various areas of air pollution control.

Judicial Review. Under Clean Air Act (CAA) section 307(b)(1), judicial review of this final decision is available only by filing a petition for review in the United States Court of Appeals for the District of Columbia Circuit by June 6, 2006. Under section 307(d)(7)(B) of the CAA, only an objection to a rule or procedure raised with reasonable specificity during the period for public comment can be raised during judicial review. Moreover, under section 307(b)(2) of the CAA, the requirements established by the final decision may not be challenged separately in civil or criminal proceedings brought to enforce these requirements.

Section 307(d)(7)(B) of the CAA further provides that "[o]nly an objection to a rule or procedure which was raised with reasonable specificity during the period for public comment (including any public hearing) may be raised during judicial review." This section also provides a mechanism for us to convene a proceeding for reconsideration, "[i]f the person raising an objection can demonstrate to the EPA that it was impracticable to raise such objection within [the period for public comment] or if the grounds for such objection arose after the period for public comment (but within the time specified for judicial review) and if such objection is of central relevance to the outcome of the rule." Any person seeking to make such a demonstration to us should submit a Petition for Reconsideration to the Office of the Administrator, U.S. EPA, Room 3000, Ariel Rios Building, 1200 Pennsylvania Ave., NW., Washington, DC 20460, with a copy to both the person(s) listed in the preceding FOR FURTHER INFORMATION **CONTACT** section and the Associate General Counsel for the Air and Radiation Law Office, Office of General Counsel (Mail Code 2344A), U.S. EPA, 1200 Pennsylvania Ave., NW., Washington, DC 20004.

Outline. The information presented in this preamble is organized as follows:

- I. Background
 - A. What Is the Statutory Authority for These Actions?
 - B. What Did We propose?
- II. Risk and Technology Review Final Decision
- III. Summary of Comments and Responses IV. Statutory and Executive Order Reviews
- A. Executive Order 12866: Regulatory Planning and Review
- B. Paperwork Reduction Act
- C. Regulatory Flexibility Act
- D. Unfunded Mandates Reform Act
- E. Executive Order 13132: Federalism
- F. Executive Order 13175: Consultation and Coordination With Indian Tribal Governments

- G. Executive Order 13045: Protection of Children From Environmental Health & Safety Risks
- H. Executive Order 13211: Actions That Significantly Affect Energy Supply, Distribution, or Use
- I. National Technology Transfer and Advancement Act
- J. Congressional Review Act

I. Background

A. What Is the Statutory Authority for These Actions?

Section 112 of the CAA establishes a comprehensive regulatory process to address hazardous air pollutants (HAP) from stationary sources. In implementing this process, we have identified categories of sources emitting one or more of the HAP listed in the CAA, and ethylene oxide sterilization facilities are identified as both major and area source categories. Section 112(d) requires us to promulgate national technology-based emission standards for sources within those categories that emit or have the potential to emit any single HAP at a rate of 10 tons or more per year or any combination of HAP at a rate of 25 tons or more per year (known as major sources), as well as for certain area sources emitting less than those amounts. These technology-based national emission standards for HAP (NESHAP) must reflect the maximum reductions of HAP achievable (after considering cost, energy requirements, and nonair health and environmental impacts) and are commonly referred to as maximum achievable control technology (MACT) standards. We promulgated the National Emission Standards for Ethylene Oxide Commercial Sterilization and Fumigation Operations Facilities at 59 FR 62585 on December 6, 1994 (Ethylene Oxide Sterilization NESHAP). As for area sources, we established MACT standards for certain emission points pursuant to section 112(d)(2) and generally available control technology (GACT) standards for other emission points pursuant to section 112(d)(5).

In what is referred to as the technology review, we are required under section 112(d)(6) of the CAA to review these technology-based standards no less frequently than every 8 years. Further, if we conclude that a revision is necessary, we have the authority to revise these standards, taking into account "developments in practices, processes, and control technologies."

The residual risk review is described in section 112(f) of the CAA. Section 112(f)(2) requires us to determine for each section 112(d) source category,

except area source categories for which we issued a GACT standard, whether the NESHAP protects public health with an ample margin of safety (AMOS). If the NESHAP for HAP "classified as a known, probable, or possible human carcinogen do not reduce lifetime excess cancer risks to the individual most exposed to emissions from a source in the category or subcategory to less than one in one million," we must decide whether additional reductions are necessary to provide an ample margin of safety. As part of this decision, we may consider costs, technological feasibility, uncertainties, or other relevant factors. We must determine whether more stringent standards are necessary to prevent adverse environmental effect (defined in section 112(a)(7)) as "any significant and widespread adverse effect, which may reasonably be anticipated to wildlife, aquatic life, or other natural resources, including adverse impacts on populations of endangered or threatened species or significant degradation of environmental quality over broad areas," but in making this decision we must consider cost, energy, safety, and other relevant factors.

B. What Did We Propose?

We promulgated the Ethylene Oxide Sterilization NESHAP in 1994. On October 24, 2005 (70 FR 61406), we proposed not to revise the Ethylene Oxide Sterilization NESHAP and requested public comments on the residual risk and technology review for the Ethylene Oxide Sterilization NESHAP.

II. Risk and Technology Review Final Decision

In our proposal, we presented the analysis and conclusions on residual risk and technology review, concluding that the maximum individual cancer risk for this source category already meets the level we generally consider acceptable, and that further control requirements would achieve, at best, minimal emission and risk reductions at a very high cost from emission vents controlled with MACT at both major and area sources. Further, the analyses showed that both the chronic noncancer and acute risks from this source category are below their respective relevant health thresholds, and that there are no adverse impacts to the environment (i.e., ecological risks). As a result, we concluded that no additional control should be required because an ample margin of safety (considering cost, technical feasibility, and other factors) has been achieved by the NESHAP MACT requirements for the

ethylene oxide major and area source categories.

In the technology review, we concluded that additional controls at existing sources would achieve, at best, minimal emission and risk reductions at a very high cost. Additionally, we did not identify any significant developments in practices, processes, or control technologies since promulgation of the original standards in 1994 which represent the best controls that can be implemented nationally. Thus, we proposed no additional controls under the technology review under CAA section 112(d)(6).

We conclude in this rulemaking, as proposed, that there is not a need to revise the Ethylene Oxide Sterilization NESHAP under the provisions of CAA section 112(f) or 112(d)(6).

III. Summary of Comments and Responses

The proposal provided a 45-day comment period ending December 8, 2005. We received comments from eight commenters. Commenters included three State agencies, one State and local agency association, three industry trade associations, and one coalition of trade associations. We have considered the public comments as discussed below and did not find that the comments changed any of our determinations.

1. Source Category Risk Approach

Comment: One commenter disagreed that EPA can utilize approaches different from that specified in the Benzene NESHAP. The commenter believes that EPA misinterpreted the CAA legislative history stating that EPA could read section 112(f)(2)(B) as directing it to use the interpretation set out in the Benzene NESHAP or use approaches affording the same level of protection. According to the commenter, EPA must use only the Benzene NESHAP approach and cannot use any other approach by relying on a Senate manager's statement that EPA should interpret the section 112(f)(2)(B) requirement to establish standards reflecting an ample margin of safety in a manner no less protective of the most exposed individual than the policy set forth in the Benzene NESHAP.

Response: In the proposed rule, EPA followed the approach set out in National Emission Standards for Hazardous Air Pollutants (NESAHP): Benzene Emissions from Maleic Anhydride Plants, Ethylbenzene/Styrene Plants, Benzene Storage Vessels, Benzene Equipment Leaks, and Coke By-Product Recovery Plants, 54 FR 38044 (September 14, 1989). EPA used the two-step decision process of first

determining a level of acceptable risk followed by finding an ample margin of safety. As the commenter concedes EPA's approach is fully consistent with the Benzene NESHAP approach and therefore acceptable. Since, in this instance, EPA did not use any other approach, the comment is not applicable to this particular rulemaking.

Comment: One commenter stated that Congress was clear in requiring EPA to evaluate only the risks from an individual source category or subcategory in establishing residual risk standards. The commenter stated EPA should not include the risk from area sources in determining whether risks from the major source category exceeds the one-in-a-million risk trigger under section 112(f)(2) or in making judgments on acceptable risk and ample margin of safety for major sources.

Response: We listed separate source categories for major and area commercial sterilization facilities under section 112(c) of the CAA, and we agree with the commenter that a separate determination of acceptable risk and ample margin of safety should be made for each source category under section 112(f) of the CAA. Our risk assessment for commercial sterilization facilities includes risk estimates for all known sources, including mostly major sources and the area sources with the highest emissions. Only two area sources have estimated cancer risk greater than 1 in 1 million (highest is 20 in 1 million), and no area sources have modeled ethylene oxide concentrations near the reference concentration. For additional information on our risk assessment of area sources see section III.2.

In the preamble to the proposed rule, we stated that risks were acceptable considering all known sources (major and area sources) and that an ample margin of safety was achieved without control requirements beyond those in the current standards. Although the preamble to the proposed rule does not discuss separate determinations of acceptability and ample margin of safety for major and areas source categories, our conclusions would not have changed whether we had considered all sources together, or separately for major sources and area sources.

Comment: One commenter stated that EPA did not comprehensively consider the plants' impacts because it did not consider all HAP emissions or all source categories at the facilities. The commenter stated that in considering only a portion of the facilities' emissions, the determination of low-risk is based on a distorted and unrealistic view of their impact. The commenter included an example of a facility that

uses and emits methyl bromide from its sterilization operations.

Response: In general, there is much less co-location of commercial sterilization operations with other industrial processes than there is for the typical source category. Many facilities are contract sterilizers with no colocation. In some cases, there is colocation of commercial sterilizers with other processes, such as pharmaceuticals production. We do not have sufficiently detailed information to analyze the possibility of controls on the various specific sources within a facility but outside the commercial sterilizer source category. As a result, we could not evaluate the existing levels of control or the potential for applying additional controls at the facilities where HAP emissions from other sources contribute to the risk. Therefore, we did not consider emissions from colocated sources in our decision to require no additional controls because we did not have the control cost and feasibility data necessary to do so. Our position on the potential consideration of co-located source categories is fully discussed in the coke oven final rule (70 FR 19995-19998).

Regarding emissions of methyl bromide, we searched the 1999 National Emissions Inventory (NEI) for the 76 identified ethylene oxide sterilization facilities to determine which emit both ethylene oxide and methyl bromide. According to the NEI data base, only two of the facilities emit both HAP. One of the facilities emits so little methyl bromide that the risk estimates would not be significantly different if methyl bromide were considered. The other facility emits more methyl bromide than ethylene oxide (about 2 to 3 times as much). However, because there is no cancer unit risk estimate for methyl bromide, the emissions of methyl bromide would not affect our cancer risk estimate (3 in 1 million). Considering effects other than cancer, the reference concentration for chronic inhalation exposures to methyl bromide is approximately six times lower than that of ethylene oxide. Consequently, the methyl bromide emissions could result in an increase in our estimate of the hazard index for the facility by as much as a factor of 20 (assuming similar source release parameters like stack height, etc.). This is not a concern because our current estimate of the hazard index is 0.001, and a factor greater than 1000 would be necessary before a hazard index of 1 would be exceeded. Therefore, even considering these emissions would not change our regulatory decision.

Comment: One commenter stated EPA should not conduct a separate technology review for ethylene oxide sources under section 112(d)(6). The commenter believes that once EPA has made a residual risk determination under section 112(f), emissions from the category are "safe," and the Agency must find a revision of the MACT standard under section 112(d)(6) is unnecessary. Another commenter urges EPA to avoid expenditure of resources by conducting further analysis geared to tightening control requirements when an AMOS has already been provided by a protective standard.

Response: As discussed in the preamble to the proposed rule, we performed a separate technology review for both the area and major source categories under section 112(d)(6), but recommended no changes to the NESHAP. It is possible that future advances in control technologies for this source category could allow for meaningful emission reductions at a reasonable cost. We believe that the technology review required under section 112(d)(6) was appropriate here.

Comment: One commenter believes that there is no mechanism to revisit section 112(f) assessments and, therefore, that the risk assessment should be corrected to account for reasonably foreseeable changes that could result in increased risk, such as new residences being built closer to the facility, or increases in actual emissions within the current permit limitations.

Response: We disagree with the commenter's assertion that there is no mechanism to revisit risks from the source category, and that, therefore, the risk assessment must include consideration of foreseeable changes that may occur in the future. We have the authority to revisit (and revise, if necessary) any rulemaking if there is sufficient evidence that changes within the affected industry or significant improvements to science suggests the public is exposed to significant increases in risk as compared to the risk assessment prepared for the rulemaking (e.g., CAA section 301).

2. Area Source Category—MACT and

Comment: One commenter stated that EPA has discretion to not regulate MACT or GACT area sources under section 112(f). One commenter stated that EPA has the discretion under section 112(f)(5) of the CAA to avoid residual risk analysis for area sources subject to GACT, regardless of whether such sources are subject to both MACT and GACT under section 112(d). The commenter reasoned that since the CAA

does not require residual risk analysis of area sources subject to GACT only, area sources subject to more stringent requirements under both MACT and GACT should also not require analysis. Two commenters stated that EPA should not omit sources subject to GACT from the residual risk analysis because it could result in serious underestimation of the health risks from area sources. One commenter believes that both section 112(d) and 112(f) of the CAA were satisfied when area sources were addressed under section 112(d)(5); since GACT controls alone would have been sufficient for EPA to avoid a residual risk review, clearly requiring both MACT and GACT controls obviates the need for any further Agency review of these area sources under both 112(d) and 112(f).

Response: For area source ethylene oxide sterilizers, EPA issued MACT standards under section 112(d)(2) for sterilizer vents and chamber exhaust vents and GACT standards for aeration room vents. EPA undertook a section 112(f)(2) analysis for area source emissions standards that were issued as MACT standards and exercised its discretion under section 112(f)(5) to not do an 112(f)(2) analysis for those emission points for which GACT standards were established. EPA appreciates the responses to its question regarding the range of discretion that the Agency has under section 112(f)(5) and will consider the points made by commenters in developing future relevant proposals. However, for purposes of this rulemaking, EPA believes that it exercised its discretion appropriately by conducting a 112(f)(2) analysis for those emission points subject to MACT standards.

3. Risk Analysis Assumptions

Comment: Two commenters stated that EPA must use the best available science to establish a cancer unit risk estimate for ethylene oxide, and that it is scientifically indefensible for EPA to use the California Environmental Protection Agency cancer unit risk factor in risk assessments when more recent epidemiological data exist. One commenter states that the basis for the California unit risk factor (mononuclear leukemia in female rats) is not relevant to humans. One commenter states that a sound scientific estimate of the cancer unit risk for ethylene oxide has been derived by Kirman, et al. 1 based partly

on two epidemiological studies ²³ that include exposure estimates for more than 20,000 workers. Two commenters stated that EPA should plan to reevaluate the risks associated with this source category whenever the new cancer risk estimate is made final, regardless of whether or not the final rule has been published.

Response: In estimating potential excess cancer risk associated with ethylene oxide sterilizers, EPA has considered all available, credible, and relevant information. In 1985, the EPA health assessment for ethylene oxide 4 concluded, based on the information available at that time, that ethylene oxide is "probably carcinogenic to humans," and derived a cancer unit risk estimate. California EPA subsequently relied on the EPA assessment in developing their cancer unit risk estimate using the same rat study as basis. 5 6 The California EPA assessment received concurrence from their Scientific Review Panel.7 In 1994, the International Agency for Research on Cancer categorized ethylene oxide in their Group 1 (Carcinogenic to Humans). In 2000, the United States Department of Health and Human Services revised its listing for ethylene oxide to "known to be a human carcinogen" in the Ninth Report on Carcinogens.8 Support for this listing includes epidemiological evidence from studies of workers exposed to ethylene oxide and animal studies. Cancer in both human and animal studies has included multiple sites, including reported associations with leukemia.9

¹ Kirman, C.R., et al. 2004. Addressing nonlinearity in the exposure-response relationship for a genotoxic carcinogen: cancer potency estimates for ethylene oxide. *Risk Anal.* 24(5):1165– 83.

² Steenland, K.L., *et al.* 1991. Mortality among workers exposed to ethylene oxide. *New England Journal of Medicine*, 324(20):1402–1407.

³ Teta, M.J., *et al.* 1993. Mortality study of ethylene oxide workers in chemical manufacturing: A 10-year update. *British Journal of Industrial Medicine*, 50:704–709.

⁴ USEPA. 1985. Health Assessment Document for Ethylene Oxide, EPA/600/8–84/009F. Office of Health and Environmental Assessment, Washington, DC.

⁵ CARB. 1987. Staff Report: Initial Statement of Reasons For Proposed Rulemaking and Report of the Scientific Review Panel. California Air Resources Board. http://www/oehha.ca.gov/air/ toxic contaminants/pdf1/ethylene%20oxide.pdf.

Galepa. 2005. Technical Support Document for Describing Available Cancer Potency Factors. California Environmental Protection Agency, Office of Environmental Health Hazard Assessment. Air Toxicology and Epidemiology Section. http://www.oehha.ca.gov/air/hot_spots/pdf/May2005 Hotspots.pdf.

⁷ CARB. op. cit.

⁸ DHHS. 2000. Report on Carcinogens, Eleventh Edition; United States Department of Health and Human Services, Public Health Service, National Toxicology Program.

⁹ DHHS, op. cit.

EPA is currently developing an updated cancer assessment for ethylene oxide (http://cfpub.epa.gov/iristrac/ index.cfm?fuseaction=viewChemical. showChemical&iris&_sub_id=897). EPA's updated cancer assessment for ethylene oxide will consider all relevant literature and studies including the Kirman, et al. paper and the epidemiological studies referred to in the comment. However, until completion of that assessment and given the peer review status of the work done by the State of California, the California EPA unit risk estimate must be considered to be the best-available science and has therefore been used in assessing cancer risk for this rulemaking.

The EPA cancer assessment will not receive external peer review until mid-2006, which is after the promulgation date of the residual risk rule for this source category. Our authority to revisit any rulemaking is addressed in Section III.1.

Comment: Several commenters stated that Acute Exposure Guideline Levels (AEGL), Emergency Response Planning Guidelines (ERPG), and Immediately Dangerous to Life or Health (IDLH) values should not be used in assessing the risk from acute exposures to ethylene oxide because these values were developed for accidental release planning and are not appropriate for assessing daily human exposure scenarios. One commenter stated that EPA's acute assessment discounted the use of the National Institute of Occupational Safety and Health (NIOSH) 10-minute ceiling value of 5 parts per million (ppm) (9 mg/m³), and noted that EPA's maximum acute exposure estimate for this source category (23 mg/m³) exceeds the NIOSH value. Two of the commenters stated that EPA's new acute reference concentration value for ethylene oxide should be used when it becomes available.

Response: We are continuing to evaluate the role of acute health effects in our section 112(f) analysis. In any event, we have concluded that this source category does not present acute health risks that warrant further regulation. Our authority to revisit any rulemaking is addressed in Section III.1.

Comment: Three commenters stated that EPA should consider the risks from chronic exposure at facility property boundaries instead of at the geographic centroids of census blocks. The commenters state that census blocks can be large and that the point of maximum impact can be far from the census block centroid.

Response: We believe that, in a national-scale assessment of lifetime inhalation exposures and health risks from a category of facilities, it is appropriate to identify exposure locations where an individual may reasonably be expected to spend a majority of his or her lifetime. Further, we believe that it is appropriate to use census block information on where people actually reside, rather than points on a fence-line, to locate the estimation of exposures and risks to individuals living near such facilities.

Census blocks are the finest resolution available for the nationwide population data set (as developed by the U.S. Census Bureau); each is typically comprised of approximately 40 people or about 10 households. In our risk assessments, we use the geographic centroid of each census block containing at least one person to represent the location where all the people in that census block live. The census block centroid with the highest estimated exposure then becomes the location of maximum exposure, and the entire population of that census block experiences the maximum individual risk. In some cases, since actual residence locations may be closer to or farther from facility emission points, this may result in an overestimate or underestimate of the actual chronic risks. However, given the relatively small dimensions of census blocks in densely-populated areas and the relatively large number of sources being assessed for any given source category, we believe that these uncertainties are small and do not bias our estimates of maximum individual risks for a source category.

Comment: One commenter stated that the risk assessment for ethylene oxide sterilization facilities lacks a reliable facility-specific inventory of emissions. The commenter stated that EPA did not acquire the ethylene oxide usage records and emissions data needed to perform the residual risk assessment, but instead relied on industry-supplied data from the Toxics Release Inventory (TRI) and the National Emissions Inventory (NEI). The commenter implied that EPA should have requested data from facilities under its authority under section 114 of the CAA. The commenter strongly recommend that the EPA reconduct this residual risk assessment by requiring the sources subject to this proposed rulemaking to report five years of usage data and/or throughput data. The EPA should then select the maximum usage value to calculate emissions for each facility in the residual risk assessment based on the current percent control requirement

prescribed by the NESHAP. One commenter stated that EPA's risk assessment considered only actual reported emissions instead of potential emissions. The commenter stated that since facility emissions (and associated impacts) could increase over time for a variety of reasons EPA should have considered the risks based on potential emissions. Two commenters stated residual risk assessments must be performed on allowable emissions to fully understand the potential public health implications for a source category.

Response: Our position on the use of allowable emissions is fully discussed in the final Coke Oven Batteries NESHAP (70 FR 19998–19999).

We used reported emissions (from the National Emissions Inventory database and company reports) for the ethylene oxide source category risk analysis. The reported emissions are a mix of actual, allowable, and potential emissions, but we do not have the necessary information to distinguish between the types of data reported. While we generally recognize that most facilities over comply with the MACT requirements (thus, actual emissions are lower than allowable), we do not have data to determine the degree of over compliance that facilities are achieving or reporting. For example, chamber exhaust emissions in some cases may be lower because they are controlled by some States although not by EPA because of the safety issue discussed in the proposal. The removal of chamber exhaust vent controls by the States would likely result in a significant increase in risk. However, as discussed in section III.3, we have no basis to change conclusions presented in the proposal and will not impose controls on chamber exhaust emissions for either new or existing facilities.

The commenter also recommended we use the authority under section 114 of the CAA to gather data rather than use data bases like the TRI or data submitted by the facility but not under authority of the CAA. Since the data ultimately is supplied by the facility we believe the data is comparable to data gathered under section 114. The commenter also recommended we base rule-making on 5 years of data. The commenter provided no basis which demonstrates modeled results based on the previous 5 years are any more representative of risks than those based on the most recent emission estimates.

4. Additional Issues

Comment: One commenter stated EPA concludes that "further controls would not meaningfully reduce emissions from emission vents" but indicates that the Agency is aware that the State of California's requirement for the main sterilizer vent is 99.9 percent as contrasted with the 99 percent MACT requirement. The Agency therefore requests further data from the public in the form of five questions dealing primarily with technology and costs. (70 FR 61408) EPA does not clearly set out what decision criteria will be applied to the information that the public is being asked to supply. The commenter also stated that EPA does not explicitly state the decision criteria used in making ample margin of safety decisions under the residual risk program. Specifically, the commenter stated that for ethylene oxide sterilization facilities, the EPA did not explicitly state that incremental emission control costs were compared to incremental risk reductions in making the ample margin of safety decision, as it has in past rulemakings such as the Benzene NESHAP and radionuclide standards. The commenter also stated that the public would better understand and accept EPA's ample margin of safety decisions if EPA were to better educate the public regarding its estimated risk estimates and the contribution of stationary sources to the overall risk. One commenter stated EPA indicates that the agency had considered increasing the emission reduction limit to 99.9 percent in the national emission standards but that "we do not have data to confirm that facilities are capable of achieving 99.9 percent on a continuous basis" (70 FR 61409). The commenter encouraged EPA to review state data on this source category, including information from New York and New Jersey, indicating that such levels are achievable. Another commenter stated that EPA needs to reevaluate the control technologies and exemptions from the current NESHAP. The emissions of ethylene oxide from the largest fugitive sources evaluated in the residual risk assessment equates to over 28 tons per year. The EPA should assess the risk reductions associated with the additional control percentages on the sterilizer chamber vent and aeration room vents for sources which use between 1 and less than 10 tons and 10 tons or greater per year of ethylene

Response: EPA stated in the proposal, "we considered the estimate of health risk and other health information along with additional factors relating to the appropriate level of control, including costs and economic impacts of controls, technological feasibility, uncertainties, and other relevant factors." We used the same decision criteria today to address the data submitted in response to the proposal. The EPA does not have definitive criteria such as a specific cost effectiveness value which dictates the final outcome.

We solicited comments concerning both the control effectiveness and costs associated with increasing the performance limit to 99.9 percent. The summary test data submitted by the commenters lend support to the technical feasibility of complying with a higher limit for the main sterilizer vent. Commenters did not supply data supporting continuous compliance with a higher limit.

Many of the outlet concentrations are reported at the detection limit. This implies the measurement devices were showing zero concentration of ethylene oxide in the outlet stream. Because both the 1990s and 2000s data show no ethylene oxide in the outlet stream, we believe there isn't a measurable difference in the control efficiencies of the tested devices.

We did not receive comments addressing the safe control of emissions from the chamber exhaust vent. As we stated in the "Memorandum: Technology Review and Residual Risk Data Development for the Ethylene Oxide Commercial Sterilization NESHAP" (Docket # EPA-HQ-OAQ-2003-0197-0027): "Many, if not all, source facilities utilize a chamber exhaust fan while personnel are removing product from the sterilization chamber. This fan removes ethylene oxide off-gassing from the product. The Ethylene Oxide Commercial Sterilization and Fumigation NESHAP promulgated in 1994 (59 FR 62585) required control of the chamber exhaust vent. In 1997 there were a series of explosions associated with control of the chamber exhaust vent (62 FR 64736). We subsequently reassessed the control requirements and removed the requirement to control the chamber exhaust in November 2001 (66 FR 55577); the Agency continues to believe that the action taken in 2001 is reasonable and we have found no safe way to impose controls on the chamber exhaust vents. Approximately 1 percent of the ethylene oxide used in the process is emitted through the chamber exhaust vent."

Therefore, we have no basis to change conclusions presented in the proposal and will not impose controls on chamber exhaust emissions for either new or existing facilities.

To assess the risk reduction associated with increasing the stringency of the standard for the main sterilizer vent from 99 to 99.9 percent emission reduction, we looked at the five facilities with the highest estimated cancer risk (ETO 4, 5, 8, 18, 19, and 27). Only one commenter provided cost estimates to retrofit existing facilities to comply with a higher standard. This commenter estimated the retrofit costs to be approximately one million dollars per facility. Emissions from these five facilities range from approximately 0.3 to 4.5 tons per year and total 18 tons per year (Docket item EPA-HQ-OAR-2003-0197—0003, Table 2). Approximately 12 of the 18 tons are fugitive emissions from the chamber exhaust. Residual emissions i.e., emissions after the application of emission control devices from the main chamber and aeration vents for the five facilities with the highest estimated cancer risk (ETO 4, 5, 8, 18, 19, and 27) range from approximately 0 to 1.6 tons per year, and are 4 tons per year in total (Docket item EPA-HQ-OAR-2003-0197-0003 Table 2). Based on a \$1 million capital investment per facility, a 7 percent discount rate, and a 10-year capital recovery period, the average cost per ton of emissions reduced for the five facilities is approximately \$35,000. These estimates assume facilities complying with the 99 percent limit do not in practice achieve a higher efficiency than 99 percent and there are zero emissions from control devices complying with the 99.9 percent limit.

To test the commenter's assertion that more stringent controls on the main and aeration vents would reduce risk levels, we remodeled the five facilities with the highest estimated cancer risk (ETO 4, 5, 8, 18, 19, and 27) with the assumption that main vent and aeration vent emissions are essentially zero after a 99.9 percent reduction and we compared the results to the baseline risks estimates. The risks (estimated to one significant figure) changed for only one facility, for which the maximum individual risk was reduced from 90 in 1 million to 80 in 1 million. Although we did not remodel all facilities, similar results would be expected for the other facilities because of the high chamber exhaust emissions relative to the emissions from the main vent and aeration vent after 99 percent control. Therefore, for existing major sources we conclude in our ample margin of safety decision that further controls would achieve minimal emission and risk reductions at a very high cost.

For existing sources under the 8 year review, in the proposal we stated, "Because the three vents associated with these facilities (i.e., the main sterilization, aeration room, and chamber exhaust emission vents) are the same for both major and area sources, the conclusions concerning technology apply to both source categories. We found that additional controls for emission vents controlled with either MACT or GACT would achieve at best. minimal emission and risk reductions at a very high cost. In our review, we did not identify any significant developments in practices, processes, or control technologies since promulgation of the national emission standards in 1994." The analysis presented above for the five facilities with the highest risk support the conclusion presented in the proposal.

As stated above we believe for new main sterilizer vent and aeration control, increasing the stringency of the control limit from 99 to 99.9 percent achieves only a minimal reduction in risk. Therefore, EPA does not find it necessary to increase the control limit

for new facilities.

Comment: One commenter stated EPA appropriately concluded that changes to the standard are not required to satisfy section 112(f) of the CAA. However, the commenter stated EPA did not provide sufficient data in the preamble to the document on the AMOS analysis that led to this conclusion, including its cost versus risk-reduction benefit analysis for a possible increase in the EO reduction requirements from 99 percent to 99.9 percent.

Response: As we stated in the proposal, we did not find any new technology or alternative controls for any vents for commercial EO sterilizers. We also found no data to support the addition of down stream control devices to existing controls as a way of further reducing emissions. We, therefore, concluded that further controls would achieve minimal reductions at a high cost. While we were aware of more stringent control limits at the State level, we stated in the proposal that we did not have data to confirm that all facilities are capable of meeting a more stringent level and solicited both control and cost data. Based on the data received from commenters we performed a risk assessment which confirmed our earlier qualitative

Comment: One commenter stated EPA's language suggests that the decision criterion is whether further reductions would "meaningfully reduce emissions or risks." (70 FR 61408) The commenter stated that introducing the term "meaningfully reduce" without further explaining it is potentially misleading to the public. They were

further troubled by the continued insertion of the word "emissions" in this formulation of the decision criteria as reinforced by the specific questions asked in this **Federal Register** notice.

Response: EPA presented, in the proposal, its analysis and conclusions on residual risk and technology review. Under section 112(d)(6), EPA is required to review the MACT standards and revise them as necessary taking into account developments in practices, processes and control technologies, no less frequently than every 8 years. Section 112(f)(2) requires us to determine for each source category whether the NESHAP protect public health with an ample margin of safety and prevent an adverse environmental effect. After reviewing and analyzing data under both these sections, EPA concluded that further controls would not meaningfully reduce emissions or risks. EPA reached this conclusion because the maximum individual cancer risk for this source category is already at the level we generally consider acceptable and that further controls would achieve minimal risk reduction at a very high cost. In addition, our conclusion referred to both emissions and risk because EPA's analysis included both the technology review and a residual risk determination.

Comment: One commenter stated EPA's CAA section 112(d)(6) review of the source category correctly concluded that the NESHAP standards did not need to be revised. However, the commenter stated that EPA reached this conclusion after conducting an independent technology review instead of basing it on the conclusions of EPA's CAA section 112(f)(2) analysis, which showed that the source category achieves an AMOS that is not limited by cost or technological feasibility concerns. The commenter believes that EPA should have based its determination that further controls under 112(d)(6) are not required through the 112(f) AMOS determination. According to the commenter, EPA did not need to conduct a separate technology review because it considered the need for additional controls in its AMOS analysis. The commenter goes on to state that where the AMOS is based in large part on cost or technical feasibility concerns, which according to the commenter was not the case with EO sterilizer facilities, then further future review under CAA section 112(d)(6) may remain viable and additional controls may not be precluded if feasible control measures are identified. Further, the commenter states that in evaluating whether action is necessary under CAA section

112(d)(6), EPA should not apply a "bright line" 1 in 1 million standard for cancer risks, nor a similar "bright line" standard for non-cancer risks.

Response: Section 112(d)(6) of the CAA requires EPA to review, and revise as necessary (taking into account developments in practices, processes, and control technologies), emission standards promulgated under section 112 no less often than every 8 years. We disagree, therefore, that the Agency did not need to conduct a separate technology review because it considered, among other factors, the need for additional controls under its 112(f) analysis. As we noted in the preamble to the Coke Ovens residual risk rule, the findings that underlie a section 112(f) determination should be key factors in making any subsequent section 112(d)(6) determinations. However, as the word "subsequent" indicates, we believe that we are obligated to perform the initial section 112(d)(6) analysis. Because the timing for the initial section 112(d)(6) analysis coincides with those of the residual risk analysis, it is appropriate for the Agency to conduct both analyses at the same time and for the results of the risk analysis to impact future section 112(d)(6) technology reviews. However, we agree with the commenters that a revision is not necessarily required under section 112(d)(6) even if cancer risks are greater than or equal to 1 in 1 million. For example, it may be the case that a technology review is performed, but no change in the standard results from that review. In the preamble to the residual risk rule for Coke Ovens, we have applied a similar logic to the need for subsequent technology revisions under section 112(d)(6). As we stated in the Coke Ovens rule, if the ample margin of safety analysis for a section 112(f) standard shows that the remaining risk for non-threshold pollutants falls below 1 in 1 million and for threshold pollutants falls below a similar threshold of safety, then further revision should not be needed because an ample margin of safety has already been assured.

We generally agree that where an AMOS is based on cost or technical feasibility future review under § 112(d)(6) may require additional controls if feasible control measures are identified. If the availability and/or costs of technology are part of the rationale for the ample margin of safety determination, it is reasonable to conclude that changes in those costs or in the availability of technology could alter our conclusions regarding the ample margin of safety. For this reason, we agree that revisions may be

appropriate if the ample margin of safety established by the residual risk process considers cost or technical feasibility. In the EO proposal, we noted that while some states required the facilities to meet a more stringent standard, we believed that the costs and feasibility concerns for implementing such a standard did not make adopting this standard a reasonable alternative. In addition, we noted in the preamble to the EO proposal that EPA had evaluated new technologies and alternatives during our investigation of the safety issue regarding chamber exhaust vents and concluded that controls on those vents were not technologically feasible and additional controls on these vents were limited because of the safety issues. [For a full discussion of the safety issues, see 66 FR Notice 55577.]

IV. Statutory and Executive Order Reviews

A. Executive Order 12866: Regulatory Planning and Review

Under Executive Order 12866 (58 FR 51735, October 4, 1993), we must determine whether a regulation is "significant" and, therefore, subject to Office of Management and Budget (OMB) review and the requirements of the Executive Order. The Executive Order defines "significant regulatory action" as one that is likely to result in a rule that may:

(1) Have an annual effect on the economy of \$100 million or more, or adversely affect in a material way the economy, a sector of the economy, productivity, competition, jobs, the environment, public health or safety, or State, local, or tribal government communities;

(2) create a serious inconsistency or otherwise interfere with an action taken or planned by another agency;

(3) materially alter the budgetary impact of entitlements, grants, user fees, or loan programs, or the rights and obligations of recipients thereof; or

(4) raise novel or policy issues arising out of legal mandates, the President's priorities, or the principles set forth in the Executive Order.

Pursuant to the terms of Executive Order 12866, OMB has notified us that it considers this a "significant regulatory action" within the meaning of the Executive Order. We have submitted this action to OMB for review. Changes made in response to OMB suggestions or recommendations will be documented in the public record.

B. Paperwork Reduction Act

This action does not impose any new information collection burden.

However, OMB has previously approved the information collection requirements for the national emissions standards under the provisions of the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. and has assigned OMB control number 2060–0283, EPA ICR number 1666.06. A copy of the OMB approved Information Collection Request (ICR) may be obtained from Susan Auby, Collection Strategies Division; U.S. Environmental Protection Agency (2822T); 1200 Pennsylvania Ave., NW., Washington, DC 20460 or by calling (202) 566–1672.

Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB control numbers for our regulations are listed in 40 CFR part 9 and 48 CFR chapter 15.

We have established a public docket for this action, which includes the ICR, under Docket ID number EPA–HQ–OAR–2003–0197, which can be found in http://www.regulations.gov. Today's final decision will not change the burden estimates from those developed and approved in 1994 for the national emission standards.

C. Regulatory Flexibility Act

The Regulatory Flexibility Act (RFA) generally requires an agency to prepare a regulatory flexibility analysis of any rule subject to notice and comment rulemaking requirements under the Administrative Procedure Act or any other statute unless the agency certifies that the rule will not have a significant economic impact on a substantial number of small entities. Small entities include small businesses, small organizations, and small governmental jurisdictions.

For purposes of assessing the impacts of today's rule on small entities, small entity is defined as: (1) A small business as defined by the Small Business

Administrations' regulations at 13 CFR 121.201; (2) a small governmental jurisdiction that is a government of a city, county, town, school district or special district with a population of less than 50,000; and (3) a small organization that is any not-for-profit enterprise which is independently owned and operated and is not dominant in its field.

After considering the economic impacts of today's final decision on small entities, we have concluded that this action will not have a significant economic impact on a substantial number of small entities. We are taking no further action at this time to revise the national emission standards. Thus, the final decision will not impose any requirements on small entities. Today's final decision on the residual risk assessment and technology review for the national emission standards imposes no additional burden on facilities impacted by the national emission standards.

D. Unfunded Mandates Reform Act

Title II of the Unfunded Mandates Reform Act of 1995 (UMRA), Public Law 104-4, establishes requirements for Federal agencies to assess the effects of their regulatory actions on State, local, and tribal governments and the private sector. Under section 202 of the UMRA, we generally must prepare a written statement, including a cost-benefit analysis, for proposed and final rules with "Federal mandates" that may result in expenditures by State, local, and tribal governments, in aggregate, or by the private sector, of \$100 million or more in any 1 year. Before promulgating a rule for which a written statement is needed, section 205 of the UMRA generally requires us to identify and consider a reasonable number of regulatory alternatives and adopt the least costly, most cost-effective, or least burdensome alternative that achieves the objectives of the rule. The provisions of section 205 do not apply when they are inconsistent with applicable law. Moreover, section 205 allows us to adopt an alternative other than the least costly, most cost-effective, or least burdensome alternative if the Administrator publishes with the final rule an explanation of why that alternative was not adopted.

Before we establish any regulatory requirements that may significantly or uniquely affect small governments, including tribal governments, we must have developed under section 203 of the UMRA a small government agency plan. The plan must provide for notifying potentially affected small governments, enabling officials of affected small

governments to have meaningful and timely input in the development of regulatory proposals with significant Federal intergovernmental mandates, and informing, educating, and advising small governments on compliance with

the regulatory requirements.

We have determined that today's final decision does not contain a Federal mandate that may result in expenditures of \$100 million or more to State, local, and tribal governments in the aggregate, or to the private sector in any 1 year. Therefore, today's final decision is not subject to the requirements of sections 202 and 205 of the UMRA. In addition, today's final decision does not significantly or uniquely affect small governments because it contains no requirements that apply to such governments or impose obligations upon them. Therefore, today's final decision is not subject to section 203 of the UMRA.

E. Executive Order 13132: Federalism

Executive Order 13132, entitled "Federalism" (64 FR 43255, August 10, 1999), requires us to develop an accountable process to ensure "meaningful and timely input by State and local officials in the development of regulatory policies that have federalism implications." "Policies that have federalism implications" is defined in the Executive Order to include regulations that have "substantial direct effects on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government."

Today's final decision does not have substantial direct effects on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government, as specified in Executive Order 13132. Thus, the requirements of the Executive Order do not apply to today's final decision.

F. Executive Order 13175: Consultation and Coordination With Indian Tribal Governments

Executive Order 13175, entitled "Consultation and Coordination with Indian Tribal Governments" (65 FR 67249, November 6, 2000), requires us to develop an accountable process to ensure "meaningful and timely input by tribal officials in the development of regulatory policies that have tribal implications." "Policies that have tribal implications" is defined in the Executive Order to include regulations that have "substantial direct effects on one or more Indian tribes, on the

relationship between the Federal government and the Indian tribes, or on the distribution of power and responsibilities between the Federal government and Indian tribes."

Today's final decision does not have tribal implications. It will not have substantial direct effects on tribal governments, on the relationship between the Federal government and Indian tribes, or on the distribution of power and responsibilities between the Federal government and Indian tribes, as specified in Executive Order 13175. Thus, Executive Order 13175 does not apply to today's final decision.

G. Executive Order 13045: Protection of Children From Environmental Health & Safety Risks

Executive Order 13045 (62 FR 19885, April 23, 1997) applies to any rule that: (1) Is determined to be "economically significant" as defined under Executive Order 12866, and (2) concerns an environmental health or safety risk that we have reason to believe may have a disproportionate effect on children. If the regulatory action meets both criteria, we must evaluate the environmental health or safety effects of the planned rule on children and explain why the planned regulation is preferable to other potentially effective and reasonably feasible alternatives considered by the

Todav's final decision is not subject to the Executive Order because it is not economically significant as defined in Executive Order 12866, and because, as explained earlier, the Agency does not have reason to believe the environmental health or safety risk addressed by this action present a disproportionate risk to children.

H. Executive Order 13211: Actions That Significantly Affect Energy Supply, Distribution, or Use

Today's final decision is not an "economically significant energy action" as defined in Executive Order 13211 (66 FR 28355, May 22, 2001) because it is not likely to have a significant adverse effect on the supply, distribution, or use of energy. Further, we have concluded that today's final decision is not likely to have any adverse energy impacts.

I. National Technology Transfer and Advancement Act

Under section 12(d) of the National Technology Transfer and Advancement Act of 1995 (NTTAA), Public Law No. 104-113, all Federal agencies are required to use voluntary consensus standards (VCS) in their regulatory and procurement activities unless to do so

would be inconsistent with applicable law or otherwise impractical. Voluntary consensus standards are technical standards (e.g., materials specifications, test methods, sampling procedures, business practices) developed or adopted by one or more voluntary consensus bodies. The NTTAA requires Federal agencies to provide Congress, through annual reports to OMB, with explanations when the agency does not use available and applicable VCS.

Today's final decision does not involve technical standards. Therefore, the requirements of the NTTAA are not applicable.

J. Congressional Review Act

The Congressional Review Act, 5 U.S.C. 801 et seq., as added by the Small **Business Regulatory Enforcement** Fairness Act of 1996, generally provides that before a rule may take effect, the agency promulgating the rule must submit a rule report, which includes a copy of the rule, to each House of the Congress and to the Comptroller General of the United States. We will submit a report containing this final decision and other required information to the U.S. Senate, the U.S. House of Representatives, and the Comptroller General of the United States prior to publication of the final decision in the Federal Register. A major rule cannot take effect until 60 days after it is published in the Federal Register. This action is not a "major rule" as defined by 5 U.S.C. 804(2). The final decision becomes effective on April 7, 2006.

List of Subjects in 40 CFR Part 63

Environmental protection, Administrative practice and procedures, Air pollution control, Intergovernmental relations, Reporting and recordkeeping requirements.

Dated: March 31, 2006.

Stephen L. Johnson,

Administrator.

[FR Doc. 06-3314 Filed 4-6-06; 8:45 am] BILLING CODE 6560-50-P

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 63

[EPA-HQ-OAR-2003-0161, FRL-8054-2] RIN 2060-AK23

National Emission Standards for Magnetic Tape Manufacturing Operations

AGENCY: Environmental Protection

Agency (EPA). **ACTION:** Final action.

The state 1															
The state The	Option selected 1														
The content of the	Worksheets	Acronyms		Raw default values		Equipment costs		Calculated de	default values		Title V burden estimates (hours)		No. of items at <1 tpy facilities	NOOs	
The content of the	Worksheet Description	Acronym Definition						CO .		Value					
The contract Contr	Eacinfo.	EPA		Starting year		PTE DPM capital cost	\$\$29 1997 https:	www.eco.s Property tax, i	ex, insurance, and G&A factors	4%	initial Permit Application	220	MICROVENTION 116	1073211	205
Company Comp							\$3,750,000 2019 Mem	Capital recove	overy factors			50	LSO 77		5.56-03
Company Comp	100.003 Procestry Impacts					PTE total annual cost	\$400,000 2019 Mers	VIL		0.1	Public Hearing Participation	- 11			5.5
The control of the		NEXT Information conection request	to Ballinana	Labor rate		SAN Capital cost per bed	528,889 2019 Mem	DOM		1.06-01	Commercial Control of the Control of	291			121
The control of the	Commerce Technical Commercial		NI POINCEINS			SAK TIPGA IPPAKETIEN	33,334 2021 0000			0.1					429
The state of the	Irearchia Table I of meanths	CC Connection Statement (In 1/2)		Non-compliance		,			courty / 2021 SI		Capificant Decemb Revisions (11% of narraby)	9.74		MAKE	3,66-02
The content of the				Continue 01 400 11 flores entre (who)						COAT		10.6			209
The content of the	Eff. 61 Proposition determined regular takens			Factors	8/4	1				53.050.500		29.8		100011	1.0
A	SC A2 Supporting statement attachment table 2	CIA Course information Administration		donnarty tay	19 Assumetion			PTE capital co	Cost scaling factor (S/ch)		Total	42.04			81
The content of the			m								Secretary Authority Initial		2122111 130		103
The content of the	SS A4 Supporting statement attachment table 4	OPM Office of Personnel Management		General and administrative	26 Assumption					\$296,819	Pennit Application Review	110	DISMEDTROMCFRIDLEY 16	2707711	8
The content of the	SS AS Supporting statement attachment table S	Units		Labor overhead factor	110% Assumption	1		PTE annual Of	I O&M cost	\$26,604	Draft Permit Preparation	170	9490411 162	18809411	25
The contract of the contract	SS AG Supporting statement attachment table 6	cfs Cubic feet per second		Loading factor				PTE annual Of	I O&M cost scaling factor (S/cfs)	531	Comment Period Notif	11	ANSCI 30	12775411	50
Part	SS_A7 Supporting statement attachment table 7	hr hour		Fringe and overload factor	160% Assumption	1		GSR capital co	i cost per bed		Public Hearing	110	ACSPA 7		6.7
The part of the	SS_AS Supporting statement attachment table S	Wh slowett-hour				i		GSR media reg	replacement	\$5,881	interaction w/ EPA	20	MPROCIUNCOS 39		146
The content of the	Facility cost colculations	Engineering		installation	2 ICR for Secondary Lead NESHAP	1		industry wage	ages, loaded hourly mean		Analyse public comment	- 44	5047611 31		52
The state of the				Annual O&M	2 ICR for Secondary Lead NESHAP	1		Technical (17-	[17-2081]	\$94.08	Permit issuance	9			15
State Stat						1					Total	474			163
The control of straight of straight of the control of straight of straight of the control of straight of straight of straight o	GSR NonStack Gas/solid reactor costs (non-stack)				456	1				\$144.77	Permitting Authority, Periodic Review		Average 42		139
Section Sect								PTE DPM costs	tosts (2021S)			10.34			229
Part Section Part Section Part Section Sec	Monitoring and testing costs	PTE permanent total enclosure			1540	1		Capital		\$845.28	Minor Permit Revisions (45% of permits)	15.3			30
The second continuous and continuo	Reporting and recordkeeping costs	Cost		Equipment lifetimes (years)		l		installation	1	\$235.44	Administrative Amendments (SON of permits)	2.5		8142611	113
The content of the	Pulled from modeling file			PTE	20	l				\$84.54	Review Monitoring/Compliance Reports	4			25
Triangle Company Com	Fac	O&M operation and maintenance		GSR	20	l .					Total	22.14			20
The state of the								Capital recove		\$159.26				6572011	8.4
The column	vuled from cetter sources	Color-coding			10					5287/24		20			0.48
The content of the	Def NIPA Table 1.19			industry wages, hourly mean	T and the second			EPA wages wit	with fringe and overload		New Permit Raview			6449011	73 0.14
Total State	CTATCO DESCRIPTION OF THE PROPERTY OF THE PROP	Color Usts type		Geologi (17-2081)	544.30 900 744400 800 900 000 000 000 000 000 000 000 0				(46-12, (889.1)	551.24		_			251
State Stat	La municularitates									547.78					361
Print company (2) An extra 20		Calculated value			ALT INC. MANAGEMENT AND	i		managerus (a	e past au, sings at	303.04	Minor Modification Sevins	- 1		16431311	40
															10
Fig. 1998															
The column The		Calculated cost		Portion requiring EPA review Becount parmits with issues requiring ER								8.4		7518611 7647011	
Tend (CA) 4 mg 3		Calculated cost		Percent permits with issues requiring EP.								8.4 1 1.6736		7647011	22 90
Exercise 6. Acro 6		Calculated cost		Percent permits with issues requiring EP. EPA wages, hourly mean	Ann 225						Resolving Issues in Minor Mod. Total Source:	2.4 1 1.6735		7647011 6721211 7582111	90 545
1600 150 150 150 150 150 150 150 150 150 1		Esculated cost		Parcent permits with issues requiring EP. EPA wages, hourly mean Technical (65-12, step 1)	tree 200 S12.00 prop 1/many core, positoday data-correlated pay leaved values a value 7117 bles benefits. It was						Resolving Issues in Minor Mod. Total Source:	8.4 1 1.6715		7647011 6721211 7582111 5148911	22 90
Total Tota		Calculated cost		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1995 GD 100 mm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1713 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1714 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/sec.loss/signs-seams/sign						Resolving Issues in Minor Mod. Total Source:	2.4 1 1.6725		7647011 6721211 7582111 5148911 LS	90 545 3.8 10
SERIES S		Calculated cost		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1995 GD 100 mm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1713 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1714 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/sec.loss/signs-seams/sign						Resolving Issues in Minor Mod. Total Source:	1.67%		7647011 6721211 7582111 5148911 LIS 8409411	90 545 3.8 10 189
1982 1982		Calculated cost		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1995 GD 100 mm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1713 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1714 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/sec.loss/signs-seams/sign						Resolving Issues in Minor Mod. Total Source:	1.6716 1.6716		7647011 672121 7582111 5168911 LIS 8409411 14657611	90 545 3.8 10 189 60
1890 1890		Kalculated cost		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1995 GD 100 mm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1713 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1714 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/sec.loss/signs-seams/sign						Resolving Issues in Minor Mod. Total Source:	1.0725		7647011 6721211 7522111 5148911 LIS 8409411 14657611 27056211	22 90 545 3.8 10 189 60 31
CONSIDER CON		Ediculated cost		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1995 GD 100 mm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1713 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1714 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/sher/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/sec.loss/signs-seams/sign						Resolving Issues in Minor Mod. Total Source:	2.4 1 1.6725		7647011 6771271 7562111 5148911 18 8409411 14657611 2765611	22 90 545 2.8 10 189 60 31
### (### #### ### ### ### ### ### #### #### #### #### #### #### ######		<u>Falculated</u> cont		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1985 GD 100 mm //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973)						Resolving Issues in Minor Mod. Total Source:	2.4 1 1.6725		7647011 7521211 752111 514801 15 8M09411 14657611 2765611 6982211 17622611	22 90 545 18 10 189 60 31 44 18
1000000 100000000000000000000000000		<u>Falsulated</u> cont		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1985 GD 100 mm //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973)						Resolving Issues in Minor Mod. Total Source:	2.4 1 1.025		7647011 7582111 7582111 5140011 165 8400411 14657511 2765611 2765611 17625611 17625611 18024611	22 90 545 18 10 189 60 31 44 18
MONOTOLINAM MONOTO		Edvalated cost		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1985 GD 100 mm //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973)						Resolving Issues in Minor Mod. Total Source:	1.075		7647011 772211 7522111 5169011 155 800911 14657611 2765611 17623611 17623611 17623611 18633611 CUSTOMAND	22 90 545 18 10 189 60 31 44 18 17 43
GOMEST		Estudend cort		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1985 GD 100 mm //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973)						Resolving Issues in Minor Mod. Total Source:	84 1 1 1.035		7647011 6721211 7682131 169611 1667611 1667611 2765611 6682231 17622611 1693611 CUSTOMED MPROCUNICOS	22 90 545 18 10 189 60 31 44 18 17 43 0.46
ACCORD		Escaland cort		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1985 GD 100 mm //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973)						Resolving Issues in Minor Mod. Total Source:	1.6725		76(7011 572(2)11 762(2)11 514(90)1 15 80(94)1 146(576)1 27(56)1 60(2)11 17(2)26)1 18(9)35)1 10(3)36	22 90 545 38 10 189 60 31 44 18 1.7 4.3 0.46
360031 36		Encland cort		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1985 GD 100 mm //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973)						Resolving Issues in Minor Mod. Total Source:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		76(7011 6721291 75(2)11 51(60011 16 8000111 14(6)761 14(6)7611 14(6)7611 14(6)7611 14(6)7611 14(6)7611 14(6)7611 14(22 90 545 38 10 189 60 31 44 1.8 1.7 4.3 0.46 41,9
2003 2003		Finalized cost		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1985 GD 100 mm //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973)						Resolving Issues in Minor Mod. Total Source:	8.4 1 1.6725		7647011 5721221 7621211 51460011 151460011 15460511 1765611 1765611 1765611 1762011	22 90 545 18 10 189 60 21 44 18 1.7 4.3 0.46 44 1.9 97
TREATE OF THE PROPERTY OF THE		Encland con	J	Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1985 GD 100 mm //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973)						Resolving Issues in Minor Mod. Total Source:	14 1 1,4725		YAMPO1 (772)21 YAMPO11 SIAMPO1 LIS BADDO11 1ACOXCE	22 90 545 38 100 60 31 44 1.7 4.3 0.46 44 1.9 92
ORANGE ALON ALON		Decided cor		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1985 GD 100 mm //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973)						Resolving Issues in Minor Mod. Total Source:	14 1 14736		76/7011 76/7111 76/7111 76/7111 15/48/91 16 86/09/11 16 86/09/11 17/20/61 16/09/21 17/20/61 16/09/21 17/20/61 16/09/61 1	22 90 545 18 100 189 60 31 44 18 17 43 0.46 44 19 97 273
Solution A shaded by price to solve the solution of		Decided cor		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1985 GD 100 mm //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973)						Resolving Issues in Minor Mod. Total Source:	2.4 1 1,6756		7647001 6772121 7667131 7667131 5146601 5146601 6667031 1667761 176761 1767661 1767661 1767661 1767661 1767661 1767661 1767661 1767661	22 90 545 3.8 10 189 60 31 44 1.8 1.7 4.3 0.46 49 1.9 97 92 73 21 23
GROWN TO SERVICE AND		Decided out		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1985 GD 100 mm //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973) Hard //www.com.modelsy-data-correlations-leads-funders-water-later-ratios/TITeles-fund(S. L. Mars 1973)						Resolving Issues in Minor Mod. Total Source:	2.4 1 1.6756		7647011 7762711 7762711 7762711 7762711 7762711 7762711 7762711 776271 7	22 90 545 188 10 189 60 21 18 17 43 0.46 44 19 97 92 73 123 54
SERIES SE		Decided out		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1995 GD 100 mm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1713 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1714 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/signs-						Resolving Issues in Minor Mod. Total Source:	2.4 1 1 1.675		7647001 6772231 7682131 165 165 165 165 165 165 165 165 165 16	22 90 545 3.8 10 189 60 31 44 1.8 1.7 4.3 0.46 49 1.9 97 92 73 21 23
SOCIAL STATE AND		Pacadrid cos		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1995 GD 100 mm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1713 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1714 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/signs-						Resolving Issues in Minor Mod. Total Source:	24 1 1.475		7647001 6772121 76670101 76670101 8609041 14657821 2765601 8609041 14657821 2765601 16657821	22 90 545 188 10 189 60 31 44 18 17 43 0.46 44 19 97 92 73 123 54 4.15-03 445
CYCHILL TYPHILL TYPHIL		Pacadrid con		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1995 GD 100 mm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1713 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1714 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/signs-						Resolving Issues in Minor Mod. Total Source:	24 1 1.075		7647001 6772121 76421111 76421111 8160141 14607041 14607041 14607041 14607041 14607041 14607041 14607041 14607041 14607041 14607041 146080	22 90 545 188 10 189 60 31 17 44 18 17 44 19 97 92 73 123 54 44 415-03
THE PROPERTY OF THE PROPERTY O		Pacinidan		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1995 GD 100 mm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1713 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1714 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/signs-						Resolving Issues in Minor Mod. Total Source:	24 1 1.47%		7647001 6722311 7146901 145 8600412 145 8600412 175661 176261 176	222 90 545 18 10 10 21 44 18 17 43 10 44 19 92 73 131 54 4.1F-03 446 229
SWILLIA SWILLIAM ALGO ALGO ALGO ALGO ALGO ALGO ALGO ALGO		Decided on		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1995 GD 100 mm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1713 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1714 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/signs-						Resolving Issues in Minor Mod. Total Source:	24 1 1.675		7667001 6722311 6722311 1848011 1848011 185 886011 1860611 1860611 1860611 1860611 1860611 1860611 1860611 1860611 1860611 1860611 1860611 1860611 1860611 1860611	222 90 545 18 10 20 21 44 18 17 43 0.46 19 97 27 27 27 23 44 4.15-03 446 239
179GREG AND		Facilities		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1995 GD 100 mm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1713 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1714 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/signs-						Resolving Issues in Minor Mod. Total Source:	24 1 1078		THEOREM 672231 672231 1248901 1548901 1548901 1548901 1548901 1548021	222 90 545 18 10 60 21 44 18 17 43 0.46 44 19 97 97 92 73 133 54 4.1E-03 466 229 299 630 444
ALCOM Alternat Tolaya Anternat Tolaya Anno Anno Anno Anternat Tolaya Anno Anno Anno Anno Anno Anno Anno Anno		Pandeless		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1995 GD 100 mm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1713 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1714 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/signs-						Resolving Issues in Minor Mod. Total Source:	34 1.005		7607011 7712311	222 90 545 188 100 60 211 44 18 17 43 046 44 41,9 97 97 97 97 97 97 97 97 97 97 97 97 97
Althor Editing. Althor Editing.		Pantani		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1995 GD 100 mm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1713 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1714 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/signs-						Resolving Issues in Minor Mod. Total Source:	5.1 1675		7-007011 271211 27121 27121 2712	22 900 545 18 100 100 100 100 100 100 100 100 100
At least 1 typy but less than X		Fooded cost		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1995 GD 100 mm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1713 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1714 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/signs-						Resolving Issues in Minor Mod. Total Source:	34 1 1995		7-007011 271211 27121 27121 2712	222 90 545 188 100 60 211 44 18 17 43 046 44 41,9 97 97 97 97 97 97 97 97 97 97 97 97 97
At least 1 typy but less than X		Pandel col		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1995 GD 100 mm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1713 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1714 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/signs-						Resolving Issues in Minor Mod. Total Source:	54 1695		7-007021 1-071	22 900 545 18 100 100 100 100 100 100 100 100 100
At least 1 type da feno man 3		Panded coll		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1995 GD 100 mm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1713 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1714 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/signs-						Resolving Issues in Minor Mod. Total Source:	sa sore		T-007011	22 290 545 545 18 189 60 60 118 44 18 18 18 19 9 92 73 121 121 121 121 121 121 121 121 121 12
Less than I thy		Panterial		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1995 GD 100 mm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1713 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1714 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/signs-						Resolving Issues in Minor Mod. Total Source:	5.5 1.67E		T-0070211 5722111 5722111 5722111 5146021 5146021 5146	22 99 90 91 91 92 92 92 92 92 92 92 92 92 92 92 92 92
		Pandel col		Percent permits with issues requiring EP. EPA wages, hourly mean Technical (GS-12, step 1) Clerical (GS-6, step 2)	1995 GD 100 mm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1713 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1714 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/sign-rabin/JTIdes/her/GC h.min 1715 dtm //www.com.models/.dec.compit/sec.loss/signs-seams/signs-						Resolving Issues in Minor Mod. Total Source:	16%		T-007011 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 99 90 91 91 92 92 92 92 92 92 92 92 92 92 92 92 92

ID		Ciai Sterilization Faciliti		G
ID	Facility Name	Street Address	City	State
1073211	Baxter Healthcare Corporation	1900 North Highway 201	Mountain Home	AR
ACSAZ	American Contract Systems Inc	7300 W Detroit Street	Chandler	AZ
STRYKER	Stryker Sustainability Solutions	10232 S. 51st St.	Phoenix	AZ
MICROVENTI ON	Microvention, Inc.	35 Enterprise	Aliso Viejo	CA
LSO	Life Science Outsourcing, Inc	830 Challenger St	Brea	CA
PARTER	Parter Medical Products Inc	17115 Kingsview Ave	Carson	CA
AMRCA	Applied Medical Resources	9401 Toledo Way	Irvine	CA
EISSTERIGEN ICSLA	Sterigenics US, Inc.	4801-63 50th St	Los Angeles	CA
15717311	Blue Line Sterilization Services	401 Bel Marin Keys Blvd, Unit C	Novato	CA
EISSTERIGEN ICSONTARIO	Sterigenics US, LLC	687 Wanamaker Ave	Ontario	CA
ACSCA	American Contract Systems Inc	14528 Meridian Pky, Ste B	Riverside	CA
JAXCA	The Jackson Laboratory	1650 Santa Ana Ave	Sacramento	CA
7125311	Steris Isomedix Services Inc	7685 Saint Andrews	San Diego	CA
186811	St. Jude Medical CRMD	15900 Valley View Ct	Sylmar	CA
EISSTERISTE MECULA	Steris, Inc.	43425 Business Park Dr	Temecula	CA
3868611	LivaNova	14401 W. 65th Way	Arvada	CO
20042411	Western	5421 Western Ave	Boulder	CO
3832911	Terumo BCT Sterilization Service, Inc.	11308 W. Collins Avenue	Lakewood	СО
12847611	Jorgensen Labs, Inc.	2211 West 8th Street	Loveland	CO
2707711	Covidien LP	195 McDermott Road	North Haven	СТ
18809411	Arthrex Manufacturing Inc Finishing	6861 Arthrex Commerce Dr	Ave Maria	FL
FORTMYERS	Fort Myers Facility	11600 Adelmo Ln	Fort Myers	FL

ID		Stroot Address		State
ID	Facility Name	Street Address	City	State
12775411	International Sterilization Laboratory	217 Sampey Road	Groveland	FL
4359211	Medtronic ENT	6743 Southpoint Dr N	Jacksonville	FL
ACSTEMPLE TERRACE	American Contract Systems, Inc.	7802 E Telecom Pkwy	Temple Terrace	FL
3699811	Sterigenics U.S. LLC	2971 Olympic Industrial Court SE, Suite 116	Atlanta	GA
4315911	Sterilization Services of Georgia	6005 Boat Rock Boulevard	Atlanta	GA
2534011	KPR U.S. LLC d/b/a Kendall Patient Recovery U.S., LLC	1430 Marvin Griffin Road	Augusta	GA
2686511	BD (Becton, Dickinson and Company)	8195 Industrial Boulevard	Covington	GA
17953911	BD (Becton, Dickinson and Company)	1211 Mary Magnan Boulevard	Madison	GA
ACSIA	American Contract Systems, Inc.	1601 SE Gateway Drive, Suite 120	Grimes	IA
8140511	Medline Industries	1160 South Northpoint Boulevard	Waukegan	IL
4553311	Cook Incorporated	6330 North Matthews Drive	Ellettsville	IN
8142611	Isomedix Operation, Inc.	435 Whitney Street	Northborough	MA
8155611	PCS, Inc.	40 Myles Standish Boulevard	Taunton	MA
FUCHS	Fuchs North America	3800 Hampstead Mexico Road	Hampstead	MD
17953511	Elite Spice, Inc.	1415 Magellan Drive	Hanover	MD
5997411	Elite Spice, Inc.	7151 Montevideo Rd	Jessup	MD
6572011	Trinity Sterile, Inc.	201 Kiley Drive	Salisbury	MD
7172111	Cardiac Pacemakers Inc/Boston Scientific	4100 Hamline Ave N	Arden Hills	MN
6449011	STERIS Inc.	380 90th Avenue Northwest	Coon Rapids	MN
EISMEDTRO NICFRIDLEY	Medtronic Inc - Rice Creek	7000 Central Ave NE	Fridley	MN

ID		Ciai Stei ilizativii Facilit		Ct. t
ID	Facility Name	Street Address	City	State
7703311	Midwest Sterilization Corporation	1204 Lenco Ave	Jackson	MO
ACSMO	American Contract Systems	2610 NE Industrial Dr Ste 220	North Kansas City	МО
7746311	Sterigenics US, LLC	10821 Withers Cove Park Drive	Charlotte	NC
ANSCI	Andersen Scientific	1001 Aviation Pkwy Suite 600	Morrisville	NC
16431311	Becton Dickinson Pharmaceutical Systems	920 E 19th Street	Columbus	NE
JPAC	J-Pac, LLC	25 Centre Road	Somersworth	NH
7518611	Cosmed Group Inc dba Cosmed of NJ	19 Park Dr	Franklin	NJ
7647011	ETO Sterilization-Plant #2	2500 Brunswick Ave	Linden	NJ
6721211	Steris Isomedix Services Inc	3459 S Clinton Ave	South Plainfield	NJ
7582111	Sterigenics-Santa Teresa, NM	2400 Airport Road	Santa Teresa	NM
5148911	Elite Spice, Inc.	1225 E. Greg Street #102	Sparks	NV
LIS	Long Island Sterilization	175 Wireless Blvd	Hauppauge	NY
8409411	Sterigenics US LLC	84 Park Rd	Queensbury	NY
ACSOH	American Contract Systems, Inc.	85 Shaffer Park Dr	Tiffin	ОН
1047511	LEMCO Ardmore	3204 Hale Road	Ardmore	OK
14657611	B Braun Med Inc/Allentown	901 Marcon Blvd	Allentown	PA
3765611	Cosmed Group LLC/Erie	2205 E 33rd St	Erie	PA
ACSPA	American Contract Systems	4040 Jackson Pointe Court, Building 4000	Zelienople	PA
6982311	Edwards Lifesciences Technology Sàrl	Parque Industrial Carr. PR-402, Km. 1.4 N	Añasco	PR
17622611	St. Jude Medical Puerto Rico, LLC.	Carr 682 Int Santana Industrial Park Bo. Santana	Arecibo	PR
18934511	Guidant Puerto Rico, B.V. (dba Boston Scientific Puerto Rico)	Road 698 lot No. 12	Dorado	PR

		Ciai Sternization Facilit		
ID	Facility Name	Street Address	City	State
CUSTOMED	Customed, Inc.	Carretera Igualdad #7	Fajardo	PR
MPROCJUNC OS	Medtronic Puerto Rico Operations Company	Carr. PR-31, Km 24.4	Juncos	PR
15515811	Steri-Tech, Inc.	Carretera 701 Km 0.7 Salinas Industrial Park	Salinas	PR
MPROCVILL ALBA	Medtronic PR Operation Co.	Carr. 151, Bo. Villalba Arriba	Villalba	PR
6560811	Boston Scientific Corporation	8 Industrial Drive	Coventry	RI
6640211	STERIS-Isomedix Services	2072 Southport Road	Spartanburg	SC
5047611	3M Company	601 22nd Avenue South	Brookings	SD
2845011	Sterilization Services of Tennessee	2396 Florida Street	Memphis	TN
3082511	DeRoyal Industries, Inc.	1135 Highway 33 South	New Tazewell	TN
STERITEC	Steritec, Inc.	1705 Enterprise Street	Athens	TX
DYNATEC	Dynatec Scientific Laboratories	11940 Golden Gate Rd	El Paso	TX
3049411	Isomedix Operations, Inc.	1435 Isomedix Pl	El Paso	TX
6888911	Isomedix Operations, Inc.	1175 Isuzu Pkwy	Grand Prairie	TX
9132811	Sterigenics U.S. LLC	1302 Avenue T	Grand Prairie	TX
9061511	Midwest Sterilization Corporation	12010 General Milton	Laredo	TX
6755311	Ethicon, Inc.	3348 Pulliam St	San Angelo	TX
7307111	Ethylene Oxide Commercial Sterilization Plant	5725 West Harold Gatty Drive	Salt Lake City	UT
7697511	BD Medical	9450 South State Street	Sandy	UT
CVHN	Central Virginia Health Network	2521 Brittons Hill Road	Richmond	VA
17953611	Sterilization Services of Virginia	5674 Eastport Boulevard	Richmond	VA
LNHBAYSIDE	Lifenet Health	5733 Bayside Rd - Suite 104	Virginia Beach	VA
ALCON	ALCON - Advance Optic Device Center North	2 Vision Lane	Lesage	WV

ID	Facility Name	Street Address	City	State
STERIGENICS AR	Sterigenics U.S., LLC	Approximately west of intersection of Hino Boulevard and Kuhn Road	Marion	AR
BDAZ	Becton, Dickinson and Company (BD)	7345 E. Valencia Road	Tuscon	AZ
NAMSA	North America Science Associates, Inc.	6750 Wales Rd	Northwood	ОН

Industry impacts

(Click here to return to ReadMe worksheet)

Parent companies

Parent company	Small entity?	Sales (million)	No. of facilities owned by company	Total annual cost	CSR
BM Company	No	32180	1	\$904,555	0%
Abbott Laboratories	No	34610	2	\$495,548	0%
Alcon AG	No	6830	1	\$223,514	0%
Andersen Scientific Inc	Yes	0.25508	1	\$172,417	67%
Applied Medical Corporation	No	700	1	\$1,189,177	0%
Arthrex, Inc.	No	620	1	\$1,234,856	0%
Aso Corporation	Yes	46.82	1	\$809,451	1%
3. Braun of America Inc.	No	960	1	\$2,037,008	0%
Baxter International Inc.	No	11670	1	\$830,884	0%
Becton, Dickinson and Company	No	17120	5	\$3,069,475	0%
Blue Line Sterilization Services LLC	Yes	1.4	1	\$196,271	14%
Bon Secours Mercy Health, Inc.	No	9970	1	\$202,417	0%
Boston Scientific Corporation	No	9910	3	\$1,846,111	0%
Boulder BioMed, LLC	Yes	2.62	1	\$314,736	12%
Cardinal Health, Inc.	No	152920	1	\$292,460	0%
Chatham Corporation	Yes	69.4	3	\$2,956,627	4%
Cook Group Incorporated	No	1610	1	\$815,337	0%
Cosmed Group, Inc.	Yes	10.54	2	\$1,322,361	12%
Deroyal Industries, Inc.	No	411.84	1	\$3,104,251	0%
OF World of Spices GmbH	No	580	1	\$254,242	0%
Dynatec Scientific Laboratories	Yes	3.65	1	\$151,830	4%
Edward Lifesciences Corp	No	4390	1	\$962,648	0%
Elite Spice, Inc.	No	109.75	3	\$952,491	0%
Eto Sterilization Inc.	Yes	2	1	\$1,040,900	52%
Johnson & Johnson	No	82580	1	\$626,553	0%
lorgensen Laboratories, Inc.	Yes	14.34	1	\$189,689	1%
Lemco Enterprises, Inc.	Yes	1.03	1	\$475,000	46%
Life Science Outsourcing, Inc.	Yes	20.17	1	\$202,493	1%
ifenet Health	Yes	376.12	1	\$151,944	0%
ivanova PLC	No	930	1	\$226,437	0%
Medline Industries, Inc.	No	7750	1	\$254,664	0%
Medtronic Public Limited Company	No	30120	5	\$4,626,757	0%
Midwest Sterilization Corporation	Yes	12.99	2	\$5,162,711	39%
North American Science Associates, LLC	Yes	102.4	1	\$544,973	0%
Owens & Minor, Inc.	No	8480	8	\$3,769,574	0%
Parter Medical Products, Inc.	Yes	38.95	1	\$775,276	1%
Professional Contract Sterilization, Inc.	Yes	2.89	1	\$817,909	28%
Puerto Rico Hospital Supply, Inc	Yes	51	1	\$592,721	1%
Robert Busse & Co., Inc.	No	92.79	1	\$370,291	0%
Sotera Health LLC	No	446	9	\$8,109,004	1%
Steris Ltd.	No	3030	8	\$9,943,057	0%
Steritec Inc.	Yes	3.49	1	\$538,712	15%
Steri-Tech, Inc.	Yes	1.74	1	\$511,209	29%
Stryker Corporation	No	14350	1	\$457,521	0%
The Jackson Laboratory	No	5790	1	\$192,136	0%
Terumo Corporation	No	440.77	2	\$1,090,450	0%
Torque Medical Holdings, LLC	No	17.71	1	\$202,417	1%
Trinity Sterile, Inc.	Yes	58.53	1	\$568,484	0%

Total costs

	All businesses	Small businesses
Total Capital Costs:	\$145,789,300	\$44,454,280
Total Annualized Capital Costs:	\$15,518,008	\$4,541,958
Total Annual O&M Costs:	\$30,662,744	\$8,207,610
Total One-Time Annual Costs	\$19,598,798	\$4,746,147
Total Annual Costs	\$65,779,550	\$17,495,715

CSRs

	Total	Total (%)	Small entities	Small entities (%)
Parent Companies with CSR > 1%	12	25.00%	12	60%
Parent Companies with CSR > 3%	12	25.00%	12	60%
Parent Companies with CSR > 5%	10	20.83%	10	50%
Parent Companies with CSR > 10%	10	20.83%	10	50%
Parent Companies with CSR > 20%	6	12.50%	6	30%
Parent Companies with CSR > 50%	2	4.17%	2	10%

Facility-level costs (Click here to return to ReadMe worksheet)

			Total costs					Permanent total en				Additional gas/solid				Cycle revalidations	Monitoring an	d testing			Recordkeeping and	reporting	
		Owned by a	Total capital	Annualized	Annual O&M	One-time	Total	Total capital	Annualized	Annual O&M	Total	Total capital	Annualized	Annual O&M	Total		Total capital	Annualized capital	I Annual O&M	Total	Annual O&M	One-time annual	Total
Facility ID	Parent company	small entity? EtO use	tpy) costs	capital	costs	annual costs	annual	investment	capital	costs	annual costs	investment	capital costs	costs	annual	One-time annual costs	investment	costs	costs	annual	costs	costs	annual costs
1073211	Baxter International Inc.	No 205.223	\$1,936,435	\$193.575	\$533.626	\$103.682	\$830.884	en	costs	en en	costs	\$1,936,435	\$193.575	\$168.811	\$362,387	\$30,000	\$0	er	\$100,000	\$100,000	\$264.815	\$73.682	
ACSAZ	Owens & Minor, Inc.	No 205.223	\$1,936,433	\$193,575		\$103,682	\$439,959	\$U) ŞI	50	ŞI	\$1,936,435	\$193,575	\$41.616	\$69,269	\$30,000	\$408,236	\$60.155	5 \$127.124	\$187,279	\$79,728	\$73,682	\$153,411
STRYKER	Stryker Corporation	No 4.325	\$592,658	\$78,591		\$133,682	\$457,521	şo So) SC	50 50	SI		\$18,436	\$48,918	\$67,354	\$60,000	\$408,236	\$60,155	5 \$127,124	\$187,279	\$69,206	\$73,682	\$142,888
MICROVENTION	Terumo Corporation	No 0.0055	SC	\$0	\$48.262	\$163,682	\$211,944	SO	SC SC		SI		\$0	\$0	\$0	\$90,000	SO	SC	S10,000	\$10,000	\$38,262	\$73,682	\$111,944
LSO	Life Science Outsourcing, Inc.	Yes 0.02244	\$0	\$0	\$68,811	\$133,682	\$202,493	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000	\$0	\$0	\$10,000	\$10,000	\$58,811	\$73,682	
PARTER	Parter Medical Products, Inc.	Yes 5.46	\$3,148,476	\$328,149		\$166,272	\$775,276	\$1,758,915	\$175,830		\$182,683	\$1,106,534	\$110,614	\$156,121	\$266,735	\$90,000	\$283,026	\$41,705	\$70,456	\$112,161	\$47,427	\$76,272	\$123,699
AMRCA	Applied Medical Corporation	No 5.2825	\$6,419,352				\$1,189,177	\$4,021,862	\$402,044	\$27,190	\$429,235		\$239,665	\$277,248	\$516,913	\$60,000	\$0	\$0	\$30,000	\$30,000	\$79,347	\$73,682	\$153,029
EISSTERIGENICSLA	Sotera Health LLC	No 121.137	\$1,172,860	\$137,867			\$1,360,254	\$0	\$(\$0	\$0	\$737,689	\$73,743	\$188,632	\$262,374	\$630,000	\$435,171	\$64,124		\$273,199	\$120,998	\$73,682	\$194,680
15717311	Blue Line Sterilization Services LLC	Yes 0.283	\$233,959	\$23,388		\$103,682		\$233,959			\$23,625		\$0	\$0	\$0	\$30,000	\$0	\$0	0 \$10,000	\$10,000	\$58,963	\$73,682	\$132,646
EISSTERIGENICSONTARIO	Sotera Health LLC	No 428.969	\$256,092	\$37,736		\$223,682		\$0	\$0 \$0		\$0 \$0		\$0	\$0	\$0		\$256,092	\$37,736	6 \$158,504	\$196,240	\$79,595	\$73,682	
ACSCA JAXCA	Owens & Minor, Inc. The Jackson Laboratory	No 2.5 No 0.03616	\$435,171	\$64,124		\$106,272 \$133,682	\$357,537 \$192.136	\$0	50 50		SI SI		\$0	\$0	\$0	\$30,000 \$60.000	\$435,171	\$64,124	4 \$109,075 0 \$10.000	\$173,199 \$10.000	\$78,066 \$48.454	\$76,272 \$73,682	\$154,338 \$122.136
7125311	Steris Ltd.	No 209,442		\$85.996		\$343,682	\$736,343	şu sn) ŞI		\$1		ŞU Sn	50	\$0	\$270,000	\$583,605	\$85.996		\$333.691	\$48,454 \$58.970	\$73,682	
186811	Abbott Laboratories	No 1.03755	\$383,00.	303,330		\$163,682	\$262,787	\$0 \$0	50		\$1		SC SC	50	\$0	\$90,000	\$383,003	12	0 \$30,000	\$30,000	\$69.104	\$73,682	\$132,032
EISSTERISTEMECULA	Steris Ltd.	No 81.4	\$435,171	\$64,124		\$316,272	\$567,442	SO	SC SC	50	SI	so so	SC	SO SO	\$0	\$240,000	\$435,171	\$64,124		\$173,199	\$77,971	\$76,272	
3868611	Livanova PLC	No 0	\$92,211	\$9,218		\$103,682	\$226,437	\$0	\$0	\$0	\$0	\$92,211	\$9,218	\$44,777	\$53,994	\$30,000	\$0	\$0	\$10,000	\$10,000	\$58,760	\$73,682	\$132,442
20042411	Boulder BioMed, LLC	Yes 0.56187	\$1,376,607	\$137,612	\$73,441	\$103,682	\$314,736	\$1,376,607	\$137,612	\$4,554	\$142,166		\$0	\$0	\$0	\$30,000	\$0	\$0	\$10,000	\$10,000	\$58,887	\$73,682	\$132,570
3832911	Terumo Corporation	No 102.511	\$1,449,494			\$286,272	\$878,505	\$0	\$0	\$0	\$0	\$1,014,323	\$101,397	\$157,223	\$258,620	\$210,000	\$435,171	\$64,124		\$173,199	\$160,414	\$76,272	\$236,687
12847611	Jorgensen Laboratories, Inc.	Yes 0.02190		\$9,218		\$103,682	\$189,689	\$0	\$0	\$0	\$0	\$92,211	\$9,218	\$8,042	\$17,259	\$30,000	\$0	\$0	\$10,000	\$10,000	\$58,747	\$73,682	\$132,430
2707711	Medtronic Public Limited Company	No 8	\$2,674,124				\$1,336,849	\$0	\$0	, ,,,	\$0	72,074,224	\$267,318		\$820,911	\$240,000	\$0	\$0	0 \$30,000	\$30,000	\$172,256		
18809411	Arthrex, Inc.	No 24.888	\$3,088,497	\$308,741			\$1,234,856	\$1,981,963			\$206,486	\$1,106,534	\$110,614	\$171,753	\$282,367	\$390,000	\$0	\$0	\$100,000	\$100,000	\$182,321	\$73,682	\$256,003
FORTMYERS 12775411	Owens & Minor, Inc.	No 0.864	\$467,448	\$60,141		\$103,682		\$0	\$0		\$(\$184,422	\$18,436	\$72,951	\$91,387	\$30,000	\$283,026	\$41,705		\$122,161	\$58,989	\$73,682	
4359211	Aso Corporation Medtronic Public Limited Company	Yes 50.19 No 6.68	\$1,172,649	\$117,224		\$313,682	\$809,451	\$250,537 \$656,937	\$25,045		\$25,311		\$92,179	\$147,458 \$170,285	\$239,637	\$240,000 \$150,000	\$0	ŞL	0 \$100,000 0 \$30,000	\$100,000	\$130,821 \$120,547	\$73,682 \$73,682	
ACSTEMPLETERRACE	Owens & Minor, Inc.	No 0.819	\$1,671,260	\$167,067		\$223,682 \$103.682	\$712,908 \$421.399	,00,037 en	\$65,671	31,327	300,998	\$1,014,323	\$101,397 \$18,436	\$170,285	\$271,681	\$150,000	\$408,236	\$60,155		\$167,279	\$59,141	\$73,682	\$194,229 \$132.824
3699811	Sotera Health LLC	No 146.428	\$375,237	\$50,923		\$406,272	\$650,192	şu şu	\$1	50 \$n	\$1	\$92,211	\$9,218	\$44,443	\$53,661	\$30,000	\$283,026	\$41,705	5 \$70,456	\$112,161	\$78,098	\$76,272	\$154,370
4315911	Chatham Corporation	Yes 51.6116		\$85,996		\$346,272	\$678,426	\$0	50	\$0	SI		\$5,210	\$ 344,443	\$33,001	\$270,000	\$583,605	\$85,996		\$233,691	\$98,463	\$76,272	\$174,735
2534011	Cardinal Health, Inc.	No 14.8035				\$103,682	\$292,460	\$973,436			\$99,865		ŚC	\$0	\$0	\$30,000	\$0	\$0,550	0 \$30,000	\$30,000	\$58,913		
2686511	Becton, Dickinson and Company	No 163.124		\$97,026		\$436,272	\$813,336	\$0	\$0	\$0	\$0		\$36,871	\$63,800	\$100,672	\$360,000	\$408,236	\$60,155	5 \$97,124	\$157,279	\$119,113	\$76,272	\$195,385
17953911	Becton, Dickinson and Company	No 139.432	\$1,053,714	\$124,680	\$329,646	\$436,272	\$890,598	\$0	\$0	\$0	\$0		\$64,525	\$82,464	\$146,990	\$360,000	\$408,236	\$60,155	5 \$97,124	\$157,279	\$150,057	\$76,272	\$226,330
ACSIA	Owens & Minor, Inc.	No 1.39098	52 \$619,593	\$82,560	\$249,262	\$103,682	\$435,504	\$0	\$0	\$0	\$0	\$184,422	\$18,436	\$30,306	\$48,742	\$30,000	\$435,171	\$64,124	4 \$139,075	\$203,199	\$79,881	\$73,682	
8140511	Medline Industries, Inc.	No 229.2	\$0	\$0	\$88,391	\$166,272	\$254,664	\$0	\$0		\$0		\$0	\$0	\$0	\$90,000	\$0	\$0	0 \$0	\$0	\$88,391	\$76,272	
4553311	Cook Group Incorporated	No 30.125	\$988,211			\$226,272		\$0	\$0	\$0	\$0	, ,,	\$0	\$0	\$0	\$150,000	\$988,211	\$145,616		\$418,357	\$170,708		
8142611	Steris Ltd.	No 113.035	\$1,172,860	\$137,867		\$706,272	\$1,214,051	\$0	\$0	\$0	\$0		\$73,743	\$152,049	\$225,792	\$630,000	\$435,171	\$64,124	4 \$109,075	\$173,199	\$108,788	\$76,272	\$185,060
8155611	Professional Contract Sterilization, Inc.	Yes 22.516	\$2,203,865	\$220,309		\$283,682	\$817,909	\$1,373,964			\$141,887	\$829,901	\$82,961	\$88,774	\$171,735	\$210,000	\$0	\$0	\$100,000	\$100,000	\$120,604	\$73,682	
FUCHS	DF World of Spices GmbH	No 10.5825	\$0	\$0	\$150,559	\$103,682	\$254,242	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$30,000	\$0	\$0	\$30,000	\$30,000	\$120,559	\$73,682	\$194,242
17953511	Elite Spice, Inc.	No 24.6 No 20.4995	\$461,056 \$461,056			\$103,682	\$335,227	\$0	\$0	\$0	\$0		\$46,089 \$46,089	\$47,302 \$46,450	\$93,391	\$30,000	\$0	\$0	0 \$100,000	\$100,000	\$38,154	\$73,682	
5997411 6572011	Elite Spice, Inc. Trinity Sterile, Inc.	No 20.4995 Yes 8.373	\$461,056	\$46,089		\$103,682 \$103,682	\$334,433 \$568,484	\$1,515,637	\$151,510	\$5,346	\$156,856	\$461,056	\$46,089	\$46,450	\$92,540 \$219,173	\$30,000 \$30,000	\$0	\$0	0 \$100,000 0 \$30,000	\$100,000	\$38,211 \$58,773	\$73,682 \$73,682	\$111,894 \$132,455
7172111	Boston Scientific Corporation	No 0.48355	\$2,714,382	\$271,342		\$103,682	\$664,893	\$2,515,637		\$9,831	\$228.199	\$1,198,745	\$119,832	\$99,341	\$219,173	\$30,000	\$283,026	\$41.705	5 \$80,456	\$30,000	\$120.852	\$73,682	\$132,433
6449011	Steris Ltd.	No 73,2005	\$2,467,471				\$1.171.210	\$2,184,443	\$218,30		\$228,193	\$553.267	\$55,307	\$157.389	\$212.696	\$600,000	\$435,171	\$41,703		\$173,199	\$120,852	\$75,082	\$194,534
EISMEDTRONICFRIDLEY	Medtronic Public Limited Company	No 0.1425	\$3,566,918	\$356,566		\$103,682	\$608,089	\$3,290,284			\$348,370		\$27,654	\$69,484	\$97,137	\$30,000	\$433,171	\$04,22	\$10,000	\$10,000	\$48,899	\$73,682	\$122,581
7703311	Midwest Sterilization Corporation	Yes 251.056		\$470,976			\$2,657,049	33,230,204 S0	\$520,522	\$10,450	\$340,370	\$4,333,925	\$433,240	\$1,159,935		\$570,000	\$256,092	\$37.736	6 \$158,504	\$196,240	\$223,952		
ACSMO	Owens & Minor, Inc.	No 1.782	\$619,593	\$82,560	\$309,185	\$103,682	\$495,427	SO	SC SC	50	SI	\$184,422	\$18,436	\$90,229	\$108,665	\$30,000	\$435,171	\$64,124	4 \$139,075	\$203,199	\$79,881	\$73,682	\$153,563
7746311	Sotera Health LLC	No 361.053		\$111,479		\$376,272	\$723,446	\$0	\$0	\$0	\$0		\$73,743	\$88,831	\$162,574	\$300,000	\$256,092	\$37,736	6 \$58,504	\$96,240	\$88,360	\$76,272	\$164,632
ANSCI	Andersen Scientific Inc	Yes 0.0475	\$0	\$0	\$68,735	\$103,682	\$172,417	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000	\$0	\$0	\$10,000	\$10,000	\$58,735	\$73,682	\$132,417
16431311	Becton, Dickinson and Company	No 40.03	\$276,634	\$27,654		\$103,682	\$410,776	\$0	\$0		\$0	\$276,634	\$27,654	\$100,118	\$127,772	\$30,000	\$0	\$0	\$100,000	\$100,000	\$79,322	\$73,682	\$153,004
JPAC	Torque Medical Holdings, LLC	No 0.09744		\$0	\$68,735	\$133,682		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000	\$0	\$0	\$10,000	\$10,000	\$58,735	\$73,682	
7518611	Cosmed Group, Inc.	Yes 10.4675	\$1,014,323	\$101,397		\$283,682	\$567,035	\$0	\$0	\$0	\$0	\$1,014,323	\$101,397	\$93,056	\$194,453	\$210,000	\$0	\$0	0 \$30,000	\$30,000	\$58,900	\$73,682	\$132,582
7647011	Eto Sterilization Inc. Steris Ltd	Yes 21.93 No 90.255	\$4,979,404	\$497,765			\$1,040,900	\$0	\$0		\$0		\$497,765	\$280,661	\$778,426	\$30,000	\$0	\$0	0 \$100,000	\$100,000	\$58,792	\$73,682	\$132,474
6721211			\$1,339,175				\$1,120,493	\$0	\$0 \$0		SI SI	7555,201	\$55,307	\$154,593	\$209,901	\$420,000	\$785,908			\$326,024	\$88,296	\$76,272	
7582111 5148911	Sotera Health LLC Elite Spice, Inc.	No 544.884 No 3.8	\$1,339,175 \$461.056	\$171,113		\$256,272 \$103.682	\$1,036,736 \$282.830	ŞU) \$0) \$0		SI SI		\$55,307 \$46.089	\$290,059	\$345,366	\$180,000 \$30.000	\$785,908	\$115,806	6 \$210,218 0 \$30,000	\$326,024 \$30.000	\$109,074 \$38.160	\$76,272 \$73.682	\$185,346 \$111.843
J140911	Robert Busse & Co., Inc.	No 9.9265	\$901,570	\$102,261		\$106,272		şu	\$ \$0	30 30	SI	\$645,478	\$64,525	\$56,208	\$120,733	\$30,000	\$256.092	\$37,736		\$96,240	\$47.046	\$76,272	
8409411	Sotera Health LLC	No 189.159	\$1,725,900	\$219,359			\$1.593,232	Sn	\$1	\$0	SI		\$73,743	\$244,676	\$318,419	\$630,000	\$988,211	\$145.616		\$418,357	\$150.184	\$76.272	
ACSOH	Owens & Minor, Inc.	No 2.00571				\$106,272		\$2,154,554	\$215,379	\$9,608	\$224,987		\$92,179	\$61,644	\$153,823	\$30,000	\$435,171	\$64,124		\$173,199	\$78,142		
1047511	Lemco Enterprises, Inc.	Yes 14.12	\$981,750	\$98,140	\$153,177	\$223,682	\$475,000	\$981,750	\$98,140	\$2,592	\$100,733	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$30,000	\$30,000	\$120,585	\$73,682	\$194,267
14657611	B. Braun of America Inc.	No 59.942	\$5,908,205	\$604,024	\$1,179,301	\$253,682	\$2,037,008	\$1,383,465	\$138,298	\$4,592	\$142,889		\$424,022	\$677,595	\$1,101,617	\$180,000	\$283,026	\$41,705	\$170,456	\$212,161	\$326,659	\$73,682	\$400,341
3765611	Cosmed Group, Inc.	Yes 31	\$1,357,283	\$156,303		\$286,272	\$755,326	\$0	\$0	\$0	\$0	\$922,112	\$92,179	\$136,063	\$228,241	\$210,000	\$435,171	\$64,124		\$173,199	\$67,614	\$76,272	\$143,886
ACSPA	Owens & Minor, Inc.	No 0.432	\$1,814,709			\$103,682	\$507,105	\$1,037,628			\$106,569		\$36,871	\$33,575	\$70,446	\$30,000	\$408,236	\$60,155	\$107,124	\$167,279	\$59,129	\$73,682	\$132,811
6982311	Edward Lifesciences Corp	No 43.92	\$2,757,866	\$289,102		\$193,682	\$962,648	\$1,276,095	\$127,564	\$4,013	\$131,578	\$1,198,745	\$119,832	\$122,909	\$242,741	\$120,000	\$283,026	\$41,705		\$212,161	\$182,486	\$73,682	
17622611	Abbott Laboratories	No 1.8355	ŞC	\$0	\$99,079	\$133,682	\$232,761	\$0	\$0	\$0	\$0	\$0	ŞC	\$0	\$0	\$60,000	\$0	\$0	\$30,000	\$30,000	\$69,079	\$73,682	\$142,761
18934511 CUSTOMED	Boston Scientific Corporation Puerto Rico Hospital Supply, Inc	No 1.70355 Yes 4.2535	\$1,102,244	\$122.321	\$119,704 \$246.718	\$103,682 \$223,682	\$223,387 \$592.721	\$0 \$292.884	\$29.278	\$0 \$ \$345	\$29.62	\$553.267	\$55.307	\$0 578.458	\$133,765	\$30,000 \$150.000	\$256.092	\$0 \$37.736	0 \$30,000 6 \$88.504	\$30,000 \$126,240	\$89,704 \$79,411	\$73,682 \$73.682	\$163,387 \$153.093
MPROCILINCOS	Medtronic Public Limited Company	Yes 4.2535 No 0.45543		\$122,321		\$223,682	\$435,052	\$2,093,626	\$29,278	\$ \$345	\$29,62	\$ \$553,267	\$55,307	\$/8,458 \$44.792	\$133,765	\$150,000	\$230,U92 co	\$37,730	0 \$10,000	\$126,240	\$/9,411 \$48,911	\$73,682 \$73,682	\$153,093
15515811	Steri-Tech, Inc.	Yes 44.1745	\$1,315,046			\$103,682		\$1,130,624			\$116.30		\$18,436	\$44,792	\$71,590	\$60,000	\$0 \$0	\$1	\$10,000	\$100,000	\$89,634		\$163,317
MPROCVILLALBA	Medtronic Public Limited Company	No 1.87	\$4,485,706	\$448,412		\$133,682	\$1,533,860	\$1,811,582	\$181,094	\$7,197	\$188,29	\$2,674,124	\$267,318	\$853,813	\$1,121,131	\$60,000	\$0	St.	0 \$30,000	\$30,000	\$60,755	\$73,682	\$134,438
6560811	Boston Scientific Corporation	No 96.9915	\$1,850,616	\$198,409		\$133,682		\$2,012,382	\$102,030	\$0	\$100,25	\$1,567,590	\$156,704	\$283,060	\$439,764	\$60,000	\$283,026	\$41,705		\$212,161	\$172,224	\$73,682	
6640211	Steris Ltd.	No 92.3525	\$860,239	\$113,650		\$286,272	\$741,108	SO	SC	\$0	\$0		\$27,654	\$95,009	\$122,663	\$210,000	\$583,605	\$85,996	6 \$147,695	\$233,691	\$98,482	\$76,272	
5047611	3M Company	No 0.984	\$6,947,268	\$694,482		\$73,682	\$904,555	\$6,947,268	\$694,482	\$67,618	\$762,099		\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000	\$58,773	\$73,682	
2845011	Chatham Corporation	Yes 72.7641	\$737,689	\$73,743		\$283,682	\$908,821	\$0	\$0	\$0	\$0	\$737,689	\$73,743	\$361,723	\$435,466	\$210,000	\$0	\$0	\$100,000	\$100,000	\$89,672	\$73,682	
3082511	Deroyal Industries, Inc.	No 133.495	\$12,264,087	\$1,225,976	\$1,624,593	\$253,682	\$3,104,251	\$0	\$0	\$0	\$0	\$12,264,087	\$1,225,976	\$1,342,113	\$2,568,089	\$180,000	\$0	\$0	\$100,000	\$100,000	\$182,479	\$73,682	\$256,162
STERITEC	Steritec Inc.	Yes 53.655	\$368,845	\$36,871		\$163,682	\$538,712	\$0	\$0		\$0		\$36,871	\$158,754	\$195,625	\$90,000	\$0	\$0	\$100,000	\$100,000	\$79,404	\$73,682	\$153,087
DYNATEC	Dynatec Scientific Laboratories	Yes 0.00409	\$0	\$0	\$48,148	\$103,682		\$0	\$0		\$0		\$0	\$0	\$0	\$30,000	\$0	\$0	\$10,000	\$10,000	\$38,148		
3049411	Steris Ltd.	No 446.229		\$711,875		\$703,682	\$2,844,896	\$0	\$0		\$0		\$562,290	\$902,998	\$1,465,288	\$630,000	\$1,015,145	\$149,585	\$384,692	\$534,277	\$141,648	\$73,682	\$215,331
6888911	Steris Ltd.	No 238.881	\$3,819,823	\$427,401		\$196,272		\$0	\$0	\$0	\$0	\$2,858,547	\$285,754	\$595,375	\$881,129	\$120,000	\$961,277	\$141,647	7 \$260,789	\$402,436	\$67,677	\$76,272	
9132811	Sotera Health LLC	No 299.13	\$583,605	\$85,996		\$286,272	\$608,196	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$210,000	\$583,605	\$85,996	6 \$147,695	\$233,691	\$88,233	\$76,272	\$164,505
9061511	Midwest Sterilization Corporation	Yes 630.180		\$756,730		\$193,682	\$2,505,661	\$0	\$0		\$0		\$718,994	\$1,203,744	\$1,922,737	\$120,000	\$256,092 \$0	\$37,736	6 \$158,504 0 \$100,000	\$196,240	\$193,002 \$254,369		
6755311 7307111	Johnson & Johnson Sotera Health LLC	No 43.5750 No 150.175		\$55,307		\$103,682 \$706,272	\$626,553 \$1,150,608	\$0	\$0	\$0	\$0	7555,207	\$55,307	\$113,194	\$168,502	\$30,000 \$630,000	\$0 \$732,040	\$107,869		\$100,000	\$254,369 \$150,153	\$73,682 \$76,272	\$328,051 \$226,425
7697511	Becton, Dickinson and Company	No 150.175 No 77.19	\$461,056			\$103,682	\$465,241	\$0) \$0) \$0	\$0	SI SI		\$46,089	\$105,210	\$151,299	\$530,000	\$732,040	\$107,865	9 \$186,315 0 \$100,000	\$294,184	\$150,153 \$110,259	\$76,272 \$73,682	
CVHN	Bon Secours Mercy Health, Inc.	No 0.00275	3401,U3t	340,085	\$5315,469 \$68.735	\$103,682	\$202,417	\$0	50		\$1		\$40,089 ¢r	\$103,210	\$131,299	\$30,000	\$0	30	0 \$100,000	\$100,000	\$110,259	\$73,682	\$183,942
LNHBAYSIDE	LifeNet Health	Yes 0.18335	Şi.	sr sr	\$48.262	\$133,082	\$151,944	şu şu) ŞI		SI SI		\$L	50	\$0 \$n	\$30,000	\$0 \$0	St.	0 \$10,000	\$10,000	\$38,733		
17953611	Chatham Corporation	Yes 210.268	\$5,251,834	\$524.998			\$1,369,380	\$1.286.753			\$132.699		\$396.368	\$476.582	\$872.950	\$90,000	\$0	St.	0 \$100.000	\$100,000	\$100,049		\$173,731
ALCON	Alcon AG	No 3.88145	Sc	\$02.4,350		\$103,682	\$223,514	\$0	SC	\$0	SC	\$0	\$0	\$0	\$0	\$30,000	\$0	SC	0 \$30,000	\$30,000	\$89,831	\$73,682	\$163,514
STERIGENICSAR	Sotera Health LLC	No 146.428	\$1,112,927	\$124,666		\$76,272	\$486,823	SO	SC	\$0	SC	\$829,901	\$82,961	\$96,157	\$179,118	\$0	\$283,026	\$41,705	5 \$70,456	\$112,161	\$119,272	\$76,272	
BDAZ	Becton, Dickinson and Company	No 225	\$732,040			\$76,272		\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$732,040	\$107,869	9 \$186,315	\$294,184	\$119,069		
NAMSA	North American Science Associates, LLC	Yes 0.135	\$3,781,528	\$378,019	\$93,271	\$73,682	\$544,973	\$3,781,528	\$378,019	\$24,537	\$402,556	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000	\$58,735	\$73,682	

15,166,922	\$6,548,798 \$1	\$8,618,124	11,168,996	\$8,232,973 \$	\$2,936,022	\$19,925,046	\$13,050,000	21,785,177	\$13,581,276 \$	\$8,203,900	\$82,067,949	\$4,608,456	\$230,370	\$4,378,086	\$43,796,305
\$15.17	\$6.55	\$8.62	\$11.17	\$8.23	\$2.94	\$19.93	\$13.05	\$21.79	\$13.58	\$8.20	\$82.07	\$4.61	\$0.23	\$4.38	\$43.80
0			1				4	30				64			
88			87				84	58				24			

 Permanent Total Enclosure

 Facilities Affected
 24
 24

 Capital Costs
 \$43.8
 \$43.8
 0.30040823

Facility-level costs (Click here to return to ReadMe worksheet)

	Total costs						F	Permanent total end	losure		A	dditional gas/solid	reactors			Cycle revalidations	Monitoring an	nd testing			Recordkeeping and	reporting		
		Owned by a	EtO use (tpy)	Total capital	Annualized	Annual O&M	One-time	Total	Total capital	Annualized	Annual O&M	Total	Total capital	Annualized	Annual O&M	Total		Total capital	Annualized capital	Annual O&M	Total	Annual O&M	One-time annual	Total
Facility ID	Parent company	small entity?	EtO use (tpy)	costs	capital	costs	annual	annual	investment	capital	costs	annual	investment	capital	costs	annual	One-time annual costs	investment	costs	costs	annual	costs	costs	annual
					costs		costs	costs		costs		costs		costs		costs			*****		costs			costs
									Annual O&M Costs al Annualized Costs	\$0.2 \$4.6	\$0.2													
										\$4.6	\$4.6	0.0700591	\$0.19											
								,	Gas/Solid Reactors Facilities Affected	58	58													
									Capital Costs		\$82.1	0.56292162												
									Annual O&M Costs	\$13.6	\$13.6	0.50292102												
									al Annualized Costs		\$21.8	0.33118464	\$0.38											
									Ionitoring and Tes		321.0	0.33110404	J0.30											
									Facilities Affected		87													
									Capital Costs		\$19.9	0.13667015												
									Annual O&M Costs		\$8.2													
								Tot	al Annualized Costs	\$11.2	\$11.2	0.16979434	\$0.13											
								1	Recordkeeping and															
									Facilities Affected		88													
									otal One-time Costs	\$6.5	\$6.5													
									Annual O&M Costs		\$8.6													
									al Annualized Costs	\$15.2	\$15.2	0.23057199	\$0.17											
									yele Revalidations															
									Facilities Affected otal One-time Costs		84 \$13.1	0.19838992	0.155357143											
									OTAL COSTS	\$13.1	\$13.1	0.19838992	0.15535/143											
									Facilities Affected	88	88													
									Capital Costs		\$145.8													
									Annual O&M Costs		\$30.7													
									One-time Costs		\$19.6													
								Tot	al Annualized Costs		\$65.8													
								-																

States and Territories

States and	Territories	
State or	EPA	No. of
Territory	Region	Facilities
AK	10	0
AL	4	0
AR	6	2
AS	9	0
AZ	9	3
CA	9	12
СО	8	4
CT	1	1
DC	3	0
DE	3	0
FL	4	
GA	4	5 5
GU	9	0
		0
HI	9	
IA	7	1
ID 	10	0
IL 	5	1
IN	5	1
KS	7	0
KY	4	0
LA	6	0
MA	1	2
MD	3	4
ME	1	0
MI	5	0
MN	5	3
МО	7	2
MP	9	0
MS	4	0
MT	8	0
NC	4	2
ND	8	0
NE	7	1
NH	1	1
NJ	2	3
NM	6	1
NV	9	1
NY	2	2
ОН	5	2
OK	6	1
OR	10	0
PA	3	3
	2	7
PR	1	1
RI	4	1
SC		1
SD	8	
TN	4	2
TT	9	0
TX	6	7
UT	8	2
VA	3	3
VI	2	0
VT	1	0
WA	10	0
WI	5	0
WV	3	1
WY	8	0

EPA Regions

EPA Region	No. of Facilities
1	5
2	12
3	11
4	15
5	7
1 2 3 4 5 6 7	11
7	4
8 9	7
9	16
10	0

Table 1. Summary of Costs of the Proposed Standards [2021 Dollars]

Requirement	Total capital investment	Total annualized capital costs	Total annual operation and maintenance costs	Total annual cost
Permanent total enclosure	\$43,796,305	\$4,378,086	\$230,370	\$4,608,456
Additional gas/solid reactors	\$82,067,949	\$8,203,900	\$13,581,276	\$21,785,177
Cycle revalidations	\$0	\$0	\$13,050,000	\$13,050,000
Monitoring and testing	\$19,925,046	\$2,936,022	\$8,232,973	\$11,168,996
Recordkeeping and reporting	\$0	\$0	\$8,618,124	\$15,166,922
Total	\$145,789,300	\$15,518,008	\$43,712,744	\$65,779,550

One-time annual costs for reading the rule, developing record systems, and initial Title V permitting:

\$6,548,798

		Capital/Start	up and O&M	Costs		
(A) Requirement	(B) Capital/Startup Costs for One Respondent	(C) Number of Respondents with Capital/Startup Costs	(D) Total Capital/ Startup Cost (B X C)	(E) Annualized Cost (O&M and Capital) for One Respondent	(F) Number of Respondents	(G) Total Annualized Cost, (E X F)
PTE DPM Montor	\$799	88	\$70,278	\$287	88	\$25,259
Performance Testing	7					
24-hr test runs	\$0	0	\$0	\$100,000	24	\$2,400,000
1-hr test runs	\$0	0	\$0	\$30,000	39	\$1,170,000
CEMS					-	
EtO	\$474,406	42	\$19,925,046	\$169,174	42	\$7,105,323
Total			\$19,995,324			\$10,700,582

Table 1 - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Second NESHAP O RTR - Year 1													
	(A)		(C)	(D)		(E)	(0)	410			(14)	(L)	
	Respondent	(B)	Number of	Technical	(E)	(F)	(G)	(H)	(1)	(J)	(K)	Total	
	Hours per	Non-Labor	Occurrences	Hours per	Number of	Technical	Clerical	Management	Total Hours	Total Labor	Total Non-	Number of	
	Occurrence	Costs Per	Per	Respondent	Respondents	Hours per	Hours per	Hours per	per Year	Costs Per	Labor Costs	Responses	te s
	(Technical	Occurrence	Respondent	Per Year	Per Year	Year	Year	Year	(F + G + H)	Year	Per Year	per Year	2
B	hours)	Cooumonico	Per Year	(A X C)	1 01 1001	(DXE)	(F X 0.1)	(F X .05)	(. oui	(B x C x E)	(C X E)	Footnotes
Burden Item	noure)		1 01 1001	(//// 0)								(0 / 12)	ш
Title V Related Burden													
A. Initial Application	391	\$27,234	1	391	29	11,339	1,134	567	13,040	\$1,172,067	\$789,776	29	а
B. Periodic Review	43	\$0	1	43	0	0	0	0	0	\$0	\$0	0	а
Surveys and Studies	NA												
Reporting Requirements													
A. Read Rule	24	\$0	1	24	86	2,064	206	103	2,374	\$213,347	\$0	86	b
B. Required Activities													С
PTE: Monitoring and Certification													
a. DPM Capital Cost	2	\$799	1	2	29	58	6	3	67	\$5,995	\$23,160	29	
b. DPM Annualized Capital Cost	0	\$118	1	0	29	0	0	0	0	\$0	\$3,413	29	
c. DPM Annual O&M Cost	2	\$287	1	2	29	58	6	3	67	\$5,995	\$8,324	29	
d. Certification (Method 204)	12	\$0	1	12	29	348	35	17	400	\$35.971	\$0	29	
2. CEMS		7.								400,01	,,		
a. Capital/Startup Cost	456	\$474.406	1	456	14	6,384	638	6,146	13,168	\$1,208,074	\$6.641.682	14	d
b. Annualized Capital Cost	0	\$69,905	1	0	14	0,304	0	0,140	0	\$0	\$978,674	14	
c. Annual O&M Cost	1.540	\$169,174	1	1,540	14	21,560	2,156	1.078	24.794	\$2,228,571	\$2,368,441	14	d
Initial Performance Testing	1,540	\$105,174	<u> </u>	1,540	14	21,300	2,100	1,076	24,134	φ2,220,371	φ2,300,441	14	u
a. Initial Testing (24-hr test runs)	0	\$100.000	1	0	8	0	0	0	0	\$0	\$800.000	8	
b. Initial Testing (24-nr test runs) b. Initial Testing (1-hr test runs)	0	\$30,000	1	0	13	0	0	0	0	\$0 \$0	\$390,000	13	_
	0	\$100.000	1	0	2	0	0	0	0	\$0		1.6	_
c. Repeat Testing (24-hr test runs)											\$160,000		е
d. Repeat Testing (1-hr test runs)	0	\$30,000	1	0	3	0	0	0	0	\$0	\$78,000	2.6	е
Continuous Compliance Testing													_
Annual Testing (24-hr test runs)	0	\$100,000	1	0	0	0	0	0	0	\$0	\$0	0	
b. Annual Testing (1-hr test runs)	0	\$30,000	1	0	0	0	0	0	0	\$0	\$0	0	
c. Repeat Testing (24-hr test runs)	0	\$100,000	1	0	0	0	0	0	0	\$0	\$0	0	е
d. Repeat Testing (1-hr test runs)	0	\$30,000	1	0	0	0	0	0	0	\$0	\$0	0	е
Parametric Monitoring: No APCDs													
 a. EtO Monitor Capital Cost and Installation Labor 	2	\$0	1	2		0	0	0	0	\$0	\$0	0	
b. EtO Monitor Annualized Cost	0	\$0	1	0		0	0	0	0	\$0	\$0	0	
c. EtO Monitor O&M	2	\$0	1	2		0	0	0	0	\$0	\$0	0	
C. Create Information	Inc. in 3B												
D. Gather Information	Inc. in 3E												
E. Report Preparation													
Notification of performance test	2	\$0	1	2	21	42	4	2	48	\$4,144	\$0	21	
Submittal of site-specific test plan	Inc. in 3B												
Reports for performance tests	24	\$0	1	24	21	504	50	25	580	\$49,726	\$0	21	
Submittal of test results through CEDRI	0.25	\$0	1	0.25	21	5.25	1	0.3	6	\$518	\$0	21	
Reports for periods of noncompliance (including excess													
emissions)	14	\$0	2	28	2	56	6	3	64	\$5,525	\$0	4	
6. Summary Reports													h
a. Semiannual	930	\$0	2	1,860	15	27,900	2,790	1,395	32,085	\$2,752,709	\$0	30	
b. Quarterly	397	\$0	4	1,590	14	22,256	2,226	1,113	25.594	\$2,195,823	\$0	56	h
Reporting Subtotal	001	ΨΟ	7	1,000		92.575	9.257	10.456	54,608	4.929.933	5,576,628	365	-"
Recordkeeping Requirements						92,070	9,201	10,430	34,000	4,323,333	3,370,020	303	
A. Read Instructions	Inc. in 3.A	-											
A. Read Instructions													
B. Implement Activities	Inc. in 3.B and 4.C	1	1	I	I	l	I	I	1	I	1	1	l
		••		0.0	0.7	4.740	474	0.7	0.004	0.174.070	•••		٠.
C. Develop Record System	20	\$0	1	20	87	1,740	174	87	2,001	\$171,672	\$0	NA	b
D. Record information				7.0	10	007		45	050	****	•		С
Records of EtO use	0.6	\$0	12	7.2	43	307	31	15	353	\$30,309	\$0	NA	
Records of operating parameters and emissions	0.5	\$0	365	182.5	75	13,627	1363	681	15,671	\$1,344,434	\$0	NA	<u> </u>
E. Personnel Training	16	\$0	1	16	87	1,392	139	70	1,601	\$137,338	\$0	NA	
F. Time for Audits	NA	<u> </u>	<u> </u>	l									
Recordkeeping Subtotal						17,066	1,707	853	19,626	\$1,683,753	\$0	0	
TOTAL						109,641	10,964	11,309	74,234	\$6,613,686	\$5,576,628	365.2	
													_
								Total Hours	Labor	Non-Labor	Total		
					Summary of Re	espondent B	urden	131,913	\$6,613,686	\$5,576,628	\$12,190,314		
					Initial Capital a	nd Startup					\$10,225,773	l	
					Annualized Car						\$5.576.628		

Footnotes:

(a) Activity burden estimates based on Information Collection Request for Part 70 Operating Permit Regulations, April 2019, EPA ICR Number 1587.14. Non-Labor Costs represent permit application and emissions fees based on burden to permitting authorities (calculated in tab "EPA_YR") which must, by law, be passed on to sources to fully offset all permit management costs

(f) It is estimated that 2 new facilities will become subject during the next three years and be required to meet initial notification requirements. It was assumed these facilities will be constructed in Year 1.

(g) Pursuant to 40 CFR 63.6(i)(4)(i)(c) the owner or operator of an affected facility may submit a compliance extension request. It was estimated that 5% of facilities will submit a request, and assumed these requests occur during Year 3

(h) It is estimated that 29 facilities will submit summary reports on a quarterly basis, while the remaining 56 submit on a semiannual basis. The burden associated with general facility information summary reports (e.g., EtO usage, operating hours) is assessed in lines 3.E.2.g and h, while sub-rows a through f assess the burden for monitoring system performance reports for each control device.

⁽c) Assumed that one-third of facilities will begin complying in year 2 and the remaining two-thirds of the facilities are not year.

(d) CEMS related costs are derived from the EPA CEMS Cost Model, accessible at https://www.epa.gov/emc/emc-continuous-emission-monitoring-systems. The CEMS Cost Model assess labor hours based upon Corporate Environmental Engineer and Plant Technician hours, which are reported here as "Management" and "Technical" hours respectively. The Capital/Startup Cost is inclusive of pre-installation costs (planning, selection of equipment, support facilities, purchase of hardware), installation, performance specification tests, and development of a QA/QC plan. The Annual O&M cost is inclusive of daily monitoring, annual RATA, quarterly CGA, recordkeeping & reporting, and annual QA/QC review and updates.

	(A)		(C)	(D)								(L)	
	Respondent	(B)	Number of	Technical	(E)	(F)	(G)	(H)	(I)	(J)	(K)	Total	
	Hours per	Non-Labor	Occurrences	Hours per	Number of	Technical	Clerical	Management	Total Hours	Total Labor	Total Non-	Number of	
	Occurrence	Costs Per	Per	Respondent	Respondents	Hours per	Hours per	Hours per	per Year	Costs Per	Labor Costs	Responses	П
	(Technical	Occurrence	Respondent	Per Year	Per Year	Year	Year	Year	(F + G + H)	Year	Per Year	per Year	ı
	hours)	Occurrence	Per Year	(A X C)	i di i dai	(DXE)	(F X 0.1)	(F X .05)	(1 . 0 . 11)	rcai	(BxCxE)	(C X E)	
Burden Item	nours)		rei ieai	(A A C)								(C X L)	4
Title V Related Burden													4
A. Initial Application	391	\$27,234	1	391	59	23069	2307	1153	26529	\$2,384,550	\$1,606,787	59	4
B. Periodic Review	43	\$1,847	1	43	29	1248	125	62	1435	\$129,017	\$53,552	29	4
Surveys and Studies	NA												_
Reporting Requirements													_
A. Read Rule	24	\$0	1	24	0	0	0	0	0	\$0	\$0	0	4
B. Required Activities													4
PTE: Monitoring and Certification													4
a. DPM Capital Cost	2	\$799	1	2	59	118	12	6	136	\$12,197	\$47,118	59	4
b. DPM Annualized Capital Cost	0	\$118	1	0	59	0	0	0	0	\$0	\$6,943	59	4
c. DPM Annual O&M Cost	2	\$287	1	2	88	176	18	9	202	\$18,192	\$25,259	88	4
d. Certification (Method 204)	12	\$0	1	12	59	708	71	35	814	\$73,183	\$0	59	4
CEMS a. Capital/Startup Cost	456	\$474,406	1	456	28	12.768	1.277	12.292	26.337	\$2,416,148	\$13.283.364	28	4
			1	456				12,292	26,337				4
b. Annualized Capital Cost c. Annual O&M Cost	1.540	\$69,905 \$169,174	1	1.540	28 42	0 64.680	0 6.468	3.234	74.382	\$0 \$6,685,713	\$1,957,348 \$7,105,323	28 42	4
Annual O&M Cost Initial Performance Testing	1,540	\$109,174		1,540	42	04,000	0,400	3,234	14,302	φυ,000,713	φ1,100,323	42	4
a. Initial Performance Testing a. Initial Testing (24-hr test runs)	0	\$100,000	1	0	16	0	0	0	0	\$0	\$1,600,000	16	+
b. Initial Testing (1-hr test runs)	0	\$30,000	1	0	26	0	0	0	0	\$0	\$780.000	26	t
Continuous Compliance Testing	0	\$30,000		0	20	- 0	0	U	U	φυ	\$700,000	20	+
a. Annual Testing (24-hr test runs)	0	\$100,000	1	0	8	0	0	0	0	\$0	\$800,000	8	t
b. Annual Testing (1-hr test runs)	0	\$30,000	1	0	13	0	0	0	0	\$0	\$390,000	13	1
Parametric monitoring for uncontrolled systems	0	\$30,000		0	13	- 0	0	U	U	φυ	φ390,000	13	+
b. EtO Monitor Capital Cost (G1RAE)	2	\$1,726	1	2	2	4	0	0	5	\$413	\$3,453	2	t
c. EtO Monitor Annualized Capital Cost (G1RAE)	0	\$259	i i	0	2	0	0	0	0	\$0	\$518	2	t
d. Eto Monitor Annual O&M Cost (G1RAE)	2	\$173	1	2	2	4	0	0	5	\$413	\$345	2	t
e. EtO Monitor Capital Cost (G2RAE)	2	\$110	i	2		0	0	0	0	\$0	\$0	0	t
f. EtO Monitor Annualized Capital Cost (G2RAE)	0		1	0		0	0	0	0	\$0	\$0	0	t
g. EtO Monitor Annual O&M Cost (G2RAE)	2		1	2		0	0	0	0	\$0	\$0	0	1
C. Create Information	Inc. in 3B												Ť
D. Gather Information	Inc. in 3E												1
E. Report Preparation	0												1
Notification of compliance status	8	\$0	1	8	0	0	0	0	0	\$0	\$0	NA	T
Periodic Reports													I
Notification of performance test	2	\$0	1	2	63	126	13	6	145	\$13,024	\$0	63	
Submittal of site-specific test plan	2	\$0	1	2	63	126	13	6	145	\$13,024	\$0	63	4
c. Reports for performance tests	24	\$0	1	24	63	1512	151	76	1739	\$156,289	\$0	63	
d. Submittal of test results through CEDRI	0.25	\$0	1	0	117	29	3	1	34	\$3,023	\$0	117	1
e. Reports for periods of noncompliance (including	14	\$0	2	28	5	140	14	7	161	\$14,471	\$0	10	1
excess emissions)		7											4
f. Summary Reports (Semiannual)	2.5	\$0	2	5	15	75	8	4	86	\$7,752	\$0	30	4
g. Summary Reports (Quarterly)	2.5	\$0	4	10	14	140	14	7	161	\$14,471	\$0	56	4
porting Subtotal	0					104,923	10,492	16,900	132,068	11,919,657	14,326,074	836	4
Recordkeeping Requirements	0												4
A. Read Instructions	Inc. in 3.A												4
	Inc. in 3.B												
B. Implement Activities	and 4.C												4
C. Develop Record System	20	\$0	1	20	1	20	2	1	23	\$2,067	\$0	NA	4
D. Record information	0.0	60	40		00	044	0.4	00	707	000.00=	00	NIA	4
1. Records of EtO use	0.6	\$0	12	7	89	641	64	32	737	\$66,237	\$0	NA	4
Records of operating parameters and emissions	0.5	\$0	365	183	89	16,243	1,624	812	18,679	\$1,678,922	\$0	NA	4
E. Personnel Training	16	\$0	1	16	1	16	2	1	18	\$1,654	\$0	NA	-
F. Time for Audits	NA	!		.		46.040	1.692	0.46	40.457	\$1,748,880	60	•	4
cordkeeping Subtotal	+	ļ		ļ		16,919		846	19,457		\$0	0	4
TAL		l		l		121,843	12,184	17,746	151,525	\$13,668,537	\$14,326,074	836	_

(a) Activity burden estimates based on Information Collection Request for Part 70 Operating Permit Regulations, April 2019, EPA ICR Number 1587.14. Non-Labor Costs represent permit application and emissions fees based on burden to permitting authorities (calculated in tab "EPA_YR") which must, by law, be passed on to sources to fully offset all permit management costs

Initial Capital and Startup

(d) Facilities >5,000 ft from the nearest residence or between 250 and 5,000 ft while using less than 15 TPY of EtO and performing stack testing to show continuous compliance are only required to test once every three years. Annual testing is required for all other sources. Annual testing for Year 3 is calculated as the portion of these facilities that come into compliance in Year 2.

(e) CEMS related costs are derived from the EPA CEMS Cost Model, accessible at https://www.epa.gov/emc/emc-continuous-emission-monitoring-systems. The CEMS Cost Model assess labor hours based upon Corporate Environmental Engineer and Plant Technician hours, which are reported here as "Management" and "Technical" hours respectively. The Capital/Startup Cost is inclusive of pre-installation costs (planning, selection of equipment, support facilities, purchase of hardware), installation, performance specification tests, and development of a QA/QC plan. The Annual O&M cost is inclusive of daily monitoring, annual RATA, quarterly CGA, recordkeeping & reporting, and annual QA/QC review and updates. (f) It is estimated that 2 new facilities will become subject during the next three years and be required to meet initial notification requirements. It was assumed these facilities will be constructed in Year 1.

(g) Pursuant to 40 CFR 63.6(i)(4)(i)(c) the owner or operator of an affected facility may submit a compliance extension request. It was estimated that 5% of facilities will submit a request, and assumed these requests occur during Year 3

(h) It is estimated that 29 facilities will submit summary reports on a quarterly basis, while the remaining 56 submit on a semiannual basis. The burden associated with general facility information summary reports (e.g., EtO usage, operating hours) is assessed in lines 3.E.2.g and h, while sub-rows a through f assess the burden for monitoring system performance reports for each control device.

⁽b) This are one-time costs (reading rule, developing record system) assumed to occur in the first year.
(c) Assumed that one-third of facilities will begin complying in year 2 and the remaining two-thirds of the facilities in year 3.

Table 3 - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Second NESHAP O RTR - Year 3

Title Vindester Enutries	Table 3 - Annual Respondent Bur	den and C	Cost of R	ecordkeep	oing and I	Reporting	Require	ments to	or the Sec	ond NES	SHAP O R	TR - Yea	r 3	
Title Vindester Enutries		Respondent Hours per	Non-Labor	Number of Occurrences	Technical Hours per	Number of	Technical	Clerical	Management	Total Hours	Total Labor	Total Non-	Total Number of	Se
Title Vindester Enutries														Footnotes
Title Vindester Enutries	Burden Item	hours)		Per Year	(A X C)		(D X E)	(F X 0.1)	(F A .05)			(BXCXE)	(C X E)	.8
A Interla Application 391 \$ 30 \$ 1 \$ 301 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 50 \$ 50 \$ 0 \$ 0 \$														a
B. Personal Reviewer 43 \$1,847 1 43 88 3.788 379 189 4.350 \$391,501 \$190,501 88 \$150,501 89 \$150,501 88 \$150,501 89 \$150,501		201	¢0	- 1	201	0	0	0	0	0	en.	60	0	а
Surveys and Studes														
Reporting Requirements			\$1,047		43	00	3,700	319	109	4,330	\$391,501	\$102,501	00	
A. Real Plus B. Required Advition 1. PTE Monitoring and Coefficiation 2. \$759 1 2 0 0 0 0 0 50 50 0 0. D. PTM Annual Coefficiation 2. \$759 1 2 0 0 0 0 0 0 0 0. D. PTM Annual Coefficiation 2. \$2527 1 2 68 776 18 0 202 315 152 525 259 88 0. D. PTM Annual Coefficiation (Advitor 204) 1. Experimental		NA NA												
B. Regulard Activities		0.4	60	_	0.4	_	_	_	_	_	60	60	^	b
1. PTE: Monitoring and Certification		24	\$0		24	U	U	U	U	U	\$0	\$0	U	C
a DPM Capital Cost		+												C
B. DPM AnnualDAM Cost		2	6700	4	2	0	0	0	0	0	60	60	0	
C. DPM Annual DAM Cost														
d. Certification (Method 201) 12 50 1 12 0 0 0 0 0 0 50 0 0														
2 CEMS a Capital/Startup Cost 458 \$474.406 1 458 \$474.406 1 540 \$1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0														
a. Capital/Startup Cost		12	φU	-	12	U	U	U	U	U	ŞÜ	U	U	
D. Annual Cold Cold 0 869 905 1 0 0 0 0 0 0 0 0 0		456	\$474.406	- 1	456	0	0	0	0	0	en.	60	0	е
C. Annual CAM Cost 1,540 1590 74 1 1,540 42 64,880 6,468 3,234 74,982 \$6,885,713 \$7,105,323 42 3. Initial Performance Testing 5 500,000 1 0 0 0 0 0 0 5 50 50												\$0		_
3. Initial Performance Testing a. in Initial Testing (24-th test runs) 0. \$30,000 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.														е
a. Initial Testing (24-hr test runs) 0 \$100,000 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1,040	\$105,174		1,540	42	04,000	0,400	3,234	14,302	ψ0,000,113	ψ1,100,023	442	-
D. Initial Testing (1-Hr test runs)		0	\$100,000	1	0	0	0	0	0	0	\$0	\$0	0	
4. Continuous Compliance Testing 8. Annual Testing (14-th test runs) 0. \$100,000 1. 0. \$24 0. 0. 0. 0. \$0 \$1,770,000 39 5. Monitoring for Areas with No APCD 5. EIO Monitor Capital Cost and Installation Labor 2. \$1,728 1. \$2 3. \$6 1. \$0 7. \$8200 5. \$1,770,000 39 1. \$0 5. \$0 6. EIO Monitor Annual Testing (14-th test runs) 2. \$1,728 1. \$0 6. EIO Monitor Capital Cost and Installation Labor 2. \$1,728 1. \$0 6. EIO Monitor Annual Testing (14-th test runs) 2. \$1,728 3. \$1,729 3. \$1,720 4. \$1,720 5. \$1,720 6. EIO Monitor Annual Testing (14-th test runs) 2. \$1,728 4. \$1,729 5. \$1,720 6. EIO Monitor Annual Testing (14-th test runs) 2. \$1,728 4. \$1,729 5. \$1,720 6. EIO Monitor Annual Testing (14-th test runs) 1. \$1,720 7.														
a. Annual Testing (24-fr test runs)		U	φ30,000		0	U	U	0	0	U	90	φ0	U	
D. Annual Testing (1-ft test runs) 0 \$30,000 1 0 339 0 0 0 0 0 5 51,177,000 39		0	\$100,000	- 1	0	24	0	0	0	0	en.	\$2,400,000	24	d
S. Monitoring for Areas with No APCD														d
b. EtO Monitor Capital Cost and Installation Labor 2 \$1,726 1 2 3 6 1 0 7 \$620 \$1,719 3 c. Eto Monitor CoRM 2 \$173 1 2 5 1 1 1 1 1 2 \$1,034 \$863 5 C. Create Information Inc. in 3E Inc. i		U	\$30,000		U	39	U	U	U	U	\$0	\$1,170,000	39	u
c. EIO Monitor Annualized Cost 0 \$259 1 0 5 0 0 0 \$0 \$1,294 5 d. EIO Monitor OSM 2 \$173 1 2 5 10 1 1 12 \$1,004 \$863 5 C. Create Information Inc. in 38 1 8 0 0 0 0 \$0		-	61 706	-	2	2	6	-	_	7	rean.	¢E 170	2	
C. Create Information Inc. In 38														
C. Create Information Inc. in 3B									1					
D. Gather Information Inc. in 3E			\$173	'		3	10		<u> </u>	12	\$1,034	\$003	5	
E. Report Preparation 1. Notification of compliance status 8 \$ \$ \$ \$ \$ 1 8 8 0 0 0 0 0 0 \$ 50 \$ 50 0 0 2 . 2. Periodic Reports 3. Notification of performance test 4 \$ \$ \$ \$ \$ 1														
1. Notification of compliance status 8 \$ 90 1 8 0 0 0 0 0 0 0 0 \$ \$0 0 0 0 0 0 0 0 0		IIIC. III 3E												
2. Periodic Reports a. Notification of performance test 2 \$0 1 2 88 176 18 9 202 \$18,192 \$0 88 b. Submittal of site-specific test plan 2 \$0 1 2 88 176 18 9 202 \$18,192 \$0 88 c. Reports for performance tests 24 \$0 1 24 88 2112 211 106 2429 \$218,309 \$0 88 c. Reports for performance tests 4 \$0 1 24 88 2112 211 106 2429 \$218,309 \$0 88 c. Reports for periods of noncompliance (including excess emissions) 4 \$0 2 2 88 5 140 14 7 161 \$14,471 \$0 10 c. Reports for periods of noncompliance (including excess emissions) 5 \$0 4 13 103 10 5 1119 \$10,673 \$0 413 c. Reports for periods of noncompliance (including excess emissions) 6 \$1 5 10		_	60			_	_	_	_	_	60	60	^	f
a Notification of performance test b. Submittal of site-specific test plan c. Reports for performance tests c. Reports for performance tests c. Reports for performance tests d. Submittal of test results through CEDRI d. Submittal of test re		8	\$0	1	8	U	U	U	U	U	\$0	\$0	U	
D. Submittal of site-specific test plan 2 \$0 1 2 88 176 18 9 202 \$18,192 \$0 88 \$0 1 24 88 2112 211 106 2429 \$218,309 \$0 88 \$0 1 24 88 2112 211 106 2429 \$218,309 \$0 88 \$0 18 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$		_	60		^	00	470	40	_	000	640.400	60	00	С
C. Reports for performance tests 24 \$0 1 24 88 2112 211 106 2429 \$218,309 \$0 88 4														
d. Submittal of test results through CEDRI 0.25 \$0 1 0 413 103 10 5 119 \$10,673 \$0 413 e. Reports for periods of noncompliance (including excess emissions) 14 \$0 2 28 5 140 14 7 161 \$14,471 \$0 10 f. Summary Reports (Semiannual) 1 \$0 2 2 45 90 9 5 104 \$9,303 \$0 90 g. Summary Reports (Quarterly) 1 \$0 4 4 43 172 17 9 198 \$17,779 \$0 172 Reporting Fequirements 1 \$0 4 4 43 172 17 9 198 \$17,779 \$0 172 Reporting Properting Requirements 1 \$0 \$1 \$0 \$0 \$10 \$0 \$0 \$0 \$10 \$8,65241 981 B. Implement Activities Inc. in 3.B and 4.C \$0														
e. Reports for periods of noncompliance (including excess emissions) 1. Summary Reports (Semiannual) 1. Summary Reports (Semiannual) 1. Summary Reports (Quarterly) 1. Recordkeeping Requirements 1. Records (Fig. 1) 2. Record Summary Reports (Quarterly) 3. Record Reports (Quarterly) 3. Record Reports (Quarterly) 4. 4. 43. 172. 17. 9. 198. \$17,779. \$0. 172. \$17. \$9. \$198. \$17,779. \$0. \$172. \$17. \$9. \$198. \$17,779. \$0. \$172. \$17. \$9. \$198. \$17,779. \$0. \$172. \$17. \$19. \$198. \$17,779. \$0. \$172. \$17. \$19. \$198. \$17,779. \$0. \$172. \$198. \$198. \$199.														
Excess emissions 14 50 2 25 5 140 14 7 161 \$14,471 \$0 10 \$14,471 \$0 10 \$14,471 \$0 10 \$14,471 \$0 10 \$14,471 \$0 10 \$14,471 \$0 10 \$14,471 \$0 10 \$14,471 \$0 10 \$14,471 \$0 10 \$14,471 \$0 10 \$14,471 \$0 10 \$14,471 \$0 10 \$14,471 \$0 10 \$14,471 \$0 10 \$14,471 \$0 \$10 \$14,471 \$0 \$10 \$14,471 \$0 \$10 \$14,471 \$0 \$10 \$14,471 \$0 \$10 \$14,471 \$0 \$10 \$14,471 \$0 \$10 \$14,471 \$0 \$10 \$14,471 \$0 \$10 \$14,471 \$0 \$10 \$14,471 \$0 \$10 \$14,471 \$0 \$10 \$14,471 \$0 \$10 \$14,471 \$0 \$10 \$14,471 \$0 \$10 \$14,471 \$0 \$10 \$14,471 \$0 \$10 \$14,471 \$0 \$10 \$14,471 \$10 \$14,471 \$10 \$14,471 \$														
Summary Reports (Quarterly) 1 \$0 4 4 43 172 17 9 198 \$17,779 \$0 172	excess emissions)	14	\$0	2	28	5	140	14	7	161		\$0	10	
Reporting Subtotal	f. Summary Reports (Semiannual)	1	\$0	2	2	45	90	9	5	104	\$9,303	\$0	90	h
Recordkeeping Requirements		1	\$0	4	4	43								h
A. Read Instructions	Reporting Subtotal						71,629	7,163	3,581	82,072	7,376,897	10,865,241	981	
Inc. in 3.B and 4.C														
B. Implement Activities and 4.C	Read Instructions	Inc. in 3.A												
C. Develop Record System 20 \$0 1 20 0 0 0 0 0 \$0 \$0 \$0 NA D. Record Information 1. Records of EIO use 0.6 \$0 12 7 89 641 64 32 737 \$66,237 \$0 NA 2. Records of operating parameters and emissions 0.5 \$0 365 182.5 89 16,243 1,624 812 18,679 \$1,678,922 \$0 NA 2. Records of operating parameters and emissions 16 \$0 1 16 0 0 0 0 0 0 0 \$0 \$0 \$0 NA F. Time for Audits NA Records deeping Subtotal 16,883 1,688 844 19,416 \$1,745,159 \$0 0 NA TOTAL 18,879 \$1,745,159 \$0 0 NA S. Summary of Respondent Burden 101,789 \$9,122,056 \$10,865,241 \$19,987,297 \$1,987,297 \$	D. Invalous and Anti-Miles													
D. Record Information 1. Records of EIO use 0.6 \$0 12 7 89 641 64 32 737 \$66,237 \$0 NA 2. Records of operating parameters and emissions 0.5 \$0 365 182.5 89 16,243 1,624 812 18,679 \$1,678,922 \$0 NA E. Personnel Training 16 \$0 1 16 0 0 0 0 0 \$0 \$0 NA F. Time for Audits NA 16,883 1,688 844 19,416 31,745,159 \$0 0 OTAL Summary of Respondent Burden Total Hours Summary of Respondent Burden Total Hours Summary of Respondent Burden Total Hours Initial Capital and Startup \$5,799	D. Implement Activities	and 4.C	60	-	20	-	0	_	-	_	60	60	NIA	b
1. Records of EIO use		20	\$0	1	20	U	U	U	U	U	\$0	\$0	NA	C
2. Records of operating parameters and emissions 0.5 \$0 365 182.5 89 16,243 1,624 812 18,679 \$1,678,922 \$0 NA E. Personnel Training 16 \$0 1 16 0 0 0 0 \$0 \$0 \$0 NA E. Training Individual NA		0.6	60	10	7	90	644	64	22	707	#ee 227	60	NIA	С
E. Personnel Training 16 \$0 1 16 0 0 0 0 0 \$0 \$0 \$0 NA F. Time for Audits NA 16,883 1,688 844 19,416 \$1,745,159 \$0 0 TOTAL 16,883 1,688 8,851 4,426 101,488 \$9,122,056 \$10,865,241 981														
F. Time for Audits NA 1,688 844 19,416 \$1,745,159 \$0 0 POTAL 188,512 8,851 4,426 101,488 \$9,122,056 \$10,865,241 981 Total Hours Labor Non-Labor Total Summary of Respondent Burden 101,789 \$9,122,056 \$10,865,241 \$19,987,297 Initial Capital and Startup \$5,799														
16,883 1,688 844 19,416 \$1,745,759 \$0 0 OTAL			\$0	1	16	U	U	U	U	U	\$0	\$0	NA	
88,512 8,851 4,426 101,488 \$9,122,056 \$10,865,241 981		NA				ļ	40.000	4.000	044	40.446	04.745.450	00		
Total Hours Labor Non-Labor Total														
Summary of Respondent Burden 101,789 \$9,122,056 \$10,865,241 \$19,987,297 Initial Capital and Startup \$5,799	TOTAL						88,512	8,851	4,426	101,488	\$9,122,056	\$10,865,241	981	
Summary of Respondent Burden 101,789 \$9,122,056 \$10,865,241 \$19,987,297 Initial Capital and Startup \$5,799									Total Harris	Labora	Non-Labor	T-4-1	1	
Initial Capital and Startup \$5,799						Summary of Re	espondent R	urden					1	
							pondont D			, ,J,,,LL,,000	, + 10,000,E-1			
						Initial Capital a	nd Startun					\$5 799	1	
								and O & M				\$10.865,241	1	

Footnotes

(a)Activity burden estimates based on Information Collection Request for Part 70 Operating Permit Regulations, April 2019, EPA ICR Number 1587.14. Non-Labor Costs represent permit application and emissions fees based on burden to permitting authorities (calculated in tab "EPA_YR") which must, by law, be passed on to sources to fully offset all permit management costs

(c) Assumed that one-third of facilities will begin complying in year 2 and the remaining two-thirds of the facilities in year 3.

(d) Facilities >5,000 ft from the nearest residence or between 250 and 5,000 ft while using less than 15 TPY of EIO and performing stack testing to show continuous compliance are only required to test once every three years. Annual testing is required for all other sources. Annual testing for Year 3 is calculated as the portion of these facilities that come into compliance in Year 2.

(e) CEMS related costs are derived from the EPA CEMS Cost Model, accessible at https://www.epa.gov/emc/emc-continuous-emission-monitoring-systems. The CEMS Cost Model assess labor hours based upon Corporate Environmental Engineer and Plant Technicaln hours, which are reported here as "Management" and "Technical" hours respectively. The Capital/Startup Cost is inclusive of pre-installation costs (planning, selection of equipment, support facilities, purchase of hardware), installation, performance specification tests, and development of a QA/QC plan. The Annual O&M cost is inclusive of daily monitoring, annual RATA, quarterly CGA, recordkeeping & reporting, and annual QA/QC review and updates. (f) It is estimated that 2 new facilities will become subject during the next three years and be required to meet initial notification requirements. It was assumed these facilities will be constructed in 'Year 1.

(g) Pursuant to 40 CFR 63.6(i)(4)(i)(c) the owner or operator of an affected facility may submit a compliance extension request. It was estimated that 5% of facilities will submit a request, and assumed these requests occur during Year 3

(h) It is estimated that 29 facilities will submit summary reports on a quarterly basis, while the remaining 56 submit on a semiannual basis. The burden associated with general facility information summary reports (e.g., EIO usage, operating hours) is assessed in lines 3.E.2.g and h, while sub-rows a through f assess the burden for monitoring system performance reports for each control device.

⁽b) This are one-time costs (reading rule, developing record system) assumed to occur in the first year.

Table 4 - Summary of Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the EtO RTR

	T	Olaria III	Management	Total Labor	Labor Ocata	Non-Labor (Annualized Capital/Startup and O&M)	T.1.1.01
Year	Technical Hours	Cierical Hours	Hours	Hours	Labor Costs	Costs	Total Costs
1	38,818	3,882	1,941	44,641	\$4,063,391	\$2,260,217	\$6,323,608
2	56,461	1,654	12,627	70,742	\$5,311,579	\$3,254,492	\$8,566,071
3	117,869	4,003	25,011	146,883	\$11,343,759	\$8,093,399	\$19,437,158
Total	213,148	9,538	39,579	262,266	\$20,718,729	\$13,608,108	\$34,326,837
Average	71,049	3,179	13,193	87,422	\$6,906,243	\$4,536,036	\$11,442,279
	Number of	Number of	Reporting	Recordkeeping			Hours Per
Year	Respondents	Responses	Hours	Hours	Total Hours	Hours per Response	Respondent
1	86	96	41,080	3,560	44,641	465	519
2	86	254	59,164	11,578	70,742	279	823
3	86	728	112,394	34,489	146,883	202	1,708
Total	86	1,078	212,638	49,628	262,266	243	3,050
Average	86	359	70,879	16,543	87,422	243	1,017

Table 5 - Annual Agency Burden and Cost of Recordkeeping and Reporting Requirements for the Second NESHAP O RTR - Year 1

Table 3 - Allitual Agency Burden and Cost of Rec	(A)	(B)	(C)	(D)	(E)	(F)	(G)	$\overline{}$
	(^)	(D)	(0)	Management	(L) Clerical	(1)	(G)	
				Hours Per	Hours Per			
	Ni mala an af	Tashuisal	Task Harres			Tatalllauma		tes
	Number of	Technical	Tech Hours	Year	Year	Total Hours	T / 10 / D	otnotes
	Occurrences		Per Year	(D = C x	(E = C x)		Total Cost Per	ŏ
Burden Item	Per Year	Occurrence	(C=A x B)	0.05)	0.1)	(C+D+E)	Year	Я
1 Title V Related Burden								
A. Permitting Authority								
Initial Application	29	474	13746	687	1375	15808	\$789,776	а
2. Periodic Review	0	32	0	0	0	0	\$0	а
B. EPA								
Initial Application	29	7	203	10	20	233	\$11,663	а
2. Periodic Review	0	2	0	0	0	0	\$0	а
Read and Understand Rule Requirements	42	24	1008	50	101	1159	\$57,915	b
Required Activities								
A. Observe stack tests and review reports	21	16	336	17	34	386	\$19,305	
B. Excess emissions Enforcement Activities	2	24	48	2	5	55	\$2,758	
C. Create Information				not applicable	9			
D. Gather Information				not applicable	9			
E. Report Reviews								
Review notification of compliance status	2	2	4	0	0	5	\$230	
Review compliance extension request	0	24	0	0	0	0	\$0	
Review notification of performance test	0	2	0	0	0	0	\$0	
Review site-specific test plan	0	4	0	0	0	0	\$0	
5. Review summary reports	14	2	28	1	3	32	\$1,609	
6. Review RATA reports	0	1	0	0	0	0	\$0	
4. Travel expenses: (1 person * 5 days * (\$94.00 + \$55) per day) + (\$6	600 per round tri	p) =		\$1,345	per trip		\$28,245	С
TOTAL			15373	769	1537	17679	\$911,501	

Footnotes:

^a Activity burden estimates based on Information Collection Request for Part 70 Operating Permit Regulations, April 2019, EPA ICR Number 1587.14. Costs attributible to mangement of an operating permit program by a permitting authority must, by law, be passed on to respondents. These costs are incorporated as Non-Labor Costs in the associated calculations in tabs "YR1" through "YR3". As the true financial burden is 0 for these activities, the line item is not included in the "Total" summation.

b Number of occurrences is the number of states and EPA Regions with affected sources (33 states + 9 EPA regions = 42 respondents).

c Based on FY2019 federal per-diem rates of \$94.00/night for lodging and \$55.00/day for meals

Table 6 - Annual Agency Burden and Cost of Recordkeeping and Reporting Requirements for the Second NESHAP O RTR - Year 2

rable o - Allitual Agency Burden and Cost of Nec	 		<u> </u>					$\overline{}$
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
				Management	Clerical			
				Hours Per	Hours Per			Se
	Number of	Technical	Tech Hours	Year	Year	Total Hours		ote
	Occurrences	Hours Per	Per Year	(D = C x)	(E = C x	Per Year	Total Cost Per	-l =
Burden Item	Per Year	Occurrence	(C=A x B)	0.05)	0.1)	(C+D+E)	Year	Po
1 Title V Related Burden								
A. Permitting Authority								
Initial Application	59	474	27966	1398	2797	32161	\$1,606,787	а
2. Periodic Review	29	32	932	47	93	1072	\$53,552	а
B. EPA								
Initial Application	59	7	413	21	41	475	\$23,729	а
2. Periodic Review	29	2	49	2	5	56	\$2,788	а
Read and Understand Rule Requirements	0	24	0	0	0	0	\$0	
3. Required Activities								
A. Observe stack tests and review reports	63	16	1008	50	101	1159	\$57,915	
B. Excess emissions Enforcement Activities	5	24	120	6	12	138	\$6,895	
C. Create Information				not applicable	Э			
D. Gather Information				not applicable	9			
E. Report Reviews								
Review notification of compliance status	0	2	0	0	0	0	\$0	
Review compliance extension request	0	24	0	0	0	0	\$0	
Review notification of performance test	28	2	56	3	6	64	\$3,217	
Review site-specific test plan	28	4	112	6	11	129	\$6,435	
Review summary reports	29	2	58	3	6	67	\$3,332	
6. Review RATA reports	54	1	54	3	5	62	\$3,103	
4. Travel expenses: (1 person * 5 days * (\$94.00 + \$55) per day) + (\$6	600 per round tri	p) =			per trip		\$84,735	b
TOTAL			30768	1538	3077	35383	\$1,852,487	

Footnotes:

^a Activity burden estimates based on Information Collection Request for Part 70 Operating Permit Regulations, April 2019, EPA ICR Number 1587.14. Costs attributible to mangement of an operating permit program by a permitting authority must, by law, be passed on to respondents. These costs are incorporated as Non-Labor Costs in the associated calculations in tabs "YR1" through "YR3". As the true financial burden is 0 for these activities, the line item is not included in the "Total" summation.

b Based on FY2019 federal per-diem rates of \$94.00/night for lodging and \$55.00/day for meals

Table 7 - Annual Agency Burden and Cost of Recordkeeping and Reporting Requirements for the Second NESHAP O RTR - Year 3

Table 1 - Allitual Agency Burden and Cost of Rec								
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
				Management	Clerical			
				Hours Per	Hours Per			တ္ထ
	Number of	Technical	Tech Hours	Year	Year	Total Hours		otnotes
	Occurrences	Hours Per	Per Year	(D = C x)	(E = C x	Per Year	Total Cost Per	듬
Burden Item	Per Year	Occurrence	(C=A x B)	0.05)	0.1)	(C+D+E)	Year	Fo
1 Title V Related Burden								
A. Permitting Authority								
Initial Application	0	474	0	0	0	0	\$0	а
2. Periodic Review	88	32	2828	141	283	3253	\$162,501	а
B. EPA								
Initial Application	0	7	0	0	0	0	\$0	а
2. Periodic Review	88	2	147	7	15	169	\$8,461	а
Read and Understand Rule Requirements	0	24	0	0	0	0	\$0	
Required Activities								
A. Observe stack tests and review reports	63	16	1008	50	101	1159	\$57,915	
B. Excess emissions Enforcement Activities	5	24	120	6	12	138	\$6,895	
C. Create Information				not applicable	е			
D. Gather Information				not applicable	е			
E. Report Reviews								
Review notification of compliance status	0	2	0	0	0	0	\$0	
Review compliance extension request	4	24	96	5	10	110	\$5,516	
Review notification of performance test	70	2	140	7	14	161	\$8,044	
Review site-specific test plan	70	4	280	14	28	322	\$16,087	
Review summary reports	86	2	172	9	17	198	\$9,882	
6. Review RATA reports	162	1	162	8	16	186	\$9,308	
4. Travel expenses: (1 person * 5 days * (\$94.00 + \$55) per day) + (\$6	600 per round tri	p) =		\$1,345	per trip		\$84,735	b
TOTAL	·		4954	248	495	5697	\$369,343	

Footnotes:

^a Activity burden estimates based on Information Collection Request for Part 70 Operating Permit Regulations, April 2019, EPA ICR Number 1587.14. Costs attributible to mangement of an operating permit program by a permitting authority must, by law, be passed on to respondents. These costs are incorporated as Non-Labor Costs in the associated calculations in tabs "YR1" through "YR3". As the true financial burden is 0 for these activities, the line item is not included in the "Total" summation.

b Based on FY2019 federal per-diem rates of \$94.00/night for lodging and \$55.00/day for meals

Table 8 - Summary of Annual Agency Burden and Cost of Recordkeeping and Reporting Requirements for the Second NESHAP O RTR

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Labor Costs	Non-Labor Costs	Total Costs
1	15,373	769	1,537	17,679	\$911,501	\$0	\$911,501
2	30,768	1,538	3,077	35,383	\$1,852,487	\$0	\$1,852,487
3	4,954	248	495	5,697	\$369,343	\$0	\$369,343
Total	51,094	2,555	5,109	58,758	\$3,133,331	\$0	\$3,133,331
Average	17,031	852	1,703	19,586	\$1,044,444	\$0	\$1,044,444

PTE costs

LNHBAYSIDE

NAMSA

Cost Options **Additional flow Additional flow** Additional flow Additonal PTE capital PTE annual **Facility ID** needed, option flow needed needed, option needed, option O&M cost cost 2 (cfs) (cfs) 1 (cfs) 3 (cfs) ACSAZ \$0 \$0 0 0 67 0 MICROVENTION \$0 \$0 0 0 249 0 0 0 LSO \$0 \$0 0 272 PARTER \$1,758,915 \$6,851 225 497 497 225 891 **AMRCA** \$4,021,862 \$27,190 891 891 2,148 15717311 \$233,959 \$237 8 8 24 8 199 0 ACSCA \$0 \$0 0 0 186811 \$0 \$0 0 0 0 61 3868611 \$0 \$0 0 0 37 0 149 149 20042411 \$1,376,607 \$4,554 361 361 3832911 \$0 \$0 0 0 176 0 \$0 \$0 0 0 1,670 0 2707711 274 18809411 \$1,981,963 \$8,360 401 401 274 **FORTMYERS** \$0 \$0 0 0 628 0 \$250,537 \$266 9 9 9 12775411 \$656,937 43 43 43 4359211 \$1,327 584 0 ACSTEMPLETERRACE \$0 \$0 0 0 1,181 2534011 \$973,436 \$2,556 84 84 84 84 ACSIA \$0 0 0 251 0 149 149 \$1,373,964 \$4,539 332 332 8155611 6572011 \$1,515,637 \$5,346 175 175 427 175 \$2,184,445 \$9,831 322 322 341 322 7172111 **EISMEDTRONICFRIDLEY** \$3,290,284 \$19,458 638 638 2,740 638 ACSMO \$0 \$0 0 0 96 0 0 0 ANSCI \$0 \$0 0 160 JPAC \$0 \$0 0 0 314 0 \$0 \$0 0 0 7518611 0 333 0 7647011 \$0 \$0 0 1,781 1,781 \$0 \$0 0 0 5148911 547 LIS \$0 0 0 187 0 \$2,154,554 ACSOH \$9,608 315 315 3,229 315 1047511 \$981,750 \$2,592 85 85 188 85 150 150 150 150 14657611 \$1,383,465 \$4,592 **ACSPA** \$1,037,628 \$2,843 93 93 869 93 6982311 \$1,276,095 \$4,013 132 481 481 132 17622611 \$0 0 0 1,033 0 0 0 18934511 \$0 \$0 0 766 \$292,884 11 **CUSTOMED** \$345 11 11 106 **MPROCJUNCOS** \$2,093,626 \$9,159 300 300 1,255 300 15515811 \$1,130,624 \$3,280 107 156 156 107 MPROCVILLALBA \$1,811,582 \$7,197 236 236 1,013 236 2,216 5047611 \$6,947,268 \$67,618 2,216 2,216 2,216 3082511 \$0 2,892 2,892 \$0 \$0 0 0 CVHN 0 434 17953611 \$1,286,753 \$4,069 133 833 833 133

\$0

\$24,537

\$3,781,528

0

804

0

804

388

804

0 804

PAGFELL STCKE \$80,700 \$14,115 PAGFELL STCKE \$60,700 \$14,346	8 8 0.00012786 8 8 0.00012469	23.6383292 0.03893001 28.907392 0.00042900	0 48 18181120 0.001993000 0 56 1203628 0.00062990	09.585.8312 25.55.1223638	0.000837901 29.4880383 0.000830456 28.907390	1 2,08 1 2,08	No 103 No 103	\$41,160 \$3,000 \$41,160 \$3,000	\$1,210 \$4,117 \$1,210 \$4,117	\$1,000 \$6, \$1,000 \$6,	51,60 S	GR 53,883	\$8,721 \$8,721	\$4,838 \$2,439 \$4,838 \$2,439	\$4,850 \$4,850	5975 \$3,800 5975 \$3,800	\$4,380 \$4,380	\$2 \$8	57 5426 50 5426	\$300 \$310	\$200 \$1,00 \$210 \$1,00	51,4X1 12 51,4X1
1731311 199-1 5164,ET 511,896 1731311 175 56 1731311 199-2 50 56	0 0 0.06566891 7 0 0 0 7 0	40.3186360 0.16887390 0 0	6 44.0872890 0.14780048 0 0 0 0	6 45.361770 0 0 0 0	0 000000001 00 J180100	0 8,32 0 8,32	M 103 M 103 M 103	\$83,885 \$4,533 50 50 50 50	\$2,479 \$8,210 50 50 50 50	\$7,772 \$13.0 \$8 \$8	50 50 50 50 50	973 \$11,763 \$0 \$0 \$0 \$0	\$19,610 \$6 \$6	\$9,725 \$4,838 \$0 \$0 \$0 \$0	\$10,713 \$0 \$0	3,900 \$3,600 50 50 50 50	\$18,809 50 50	\$12 \$1 \$2 \$2	100 \$2,150 50 50 50 50	\$1,877 50 50	\$1,875 \$30,18 \$0 \$ \$0 \$	\$7,87 9 9
772222	0 0 6.50676E-0	68 660838 0.00008330 0 0	91.7278090 0.0000482	79.5223234	8.30676F-01 8X-660838	1 1,12 0 1,12	NI 104 NI 104	\$129,69 \$6,17 \$0 \$6	51,00 511,00 50 50	\$11,850 \$20; 50	51,829 51, 50 50 50	53 537,84 50 50	\$29,344 52	\$14,575 \$7,386 \$0 \$0	\$14,379 1 50	2,903 53,430 50 50	\$18,800 50	9	9 54,007 9 54,007	52,614 50 60	\$2,034 \$30,36 \$2 \$	511,04 4 51
						0 112	M 103 M 103		8 8	50 50	8 8 8 8	50 50 50 50	9 9 9	50 50 50 50	50 50	50 50 50 50	50 50		9 50 9 50	50 50	50 50 50 50	
**************************************	0 0 0 0.7725000 0 0 0 0.7725000 0 0 0 0.7725000 0 0 0.7725000	27.360005 0.3529811 27.360005 0.3529811 27.360005 0.3529811	22.5583736 0.552881 22.5583736 0.552881	22.5581736 22.5581736	0.27283040 22.2600049 0.27283040 22.2600049	0 8,76 0 8,76 1 8,76 1 8,76	M/ 1.5 M/ 1.5 M/ 1.5	\$1 \$2 \$41,566 \$3,000 \$41,566 \$3,000	50 50 51,280 54,317 51,280 54,317	50 51,880 54, 51,880 54,	50 50 60 51,60 5 60 51,60 5	50 50 686 55,883 686 55,883	50,721 50,721	50 50 54,830 52,439 54,836 52,439	50 54,830 54,830	50 50 5975 \$3,839 5975 \$3,839	\$19,809 \$19,809	50 55. 51,6 55. 51,6	\$2 \$0 \$0 \$786 \$786	\$0 \$1,185 \$1,185	\$1 \$1.29 \$1,18 \$21,29 \$1,18 \$21,29	51,400 51,400
F582111 1F1_6 9F0_F7 1-8-8.EF7 F582115 1F7 9F0_55 1-8-2.F7 F582115 9CDV 9F0_F7 5-8-6.EF8	0 0 0.37281000 0 0 0.17900173 0 0 0.18907820	22.360005 0.35298911 22.360005 0.35064611 2.7625006 0.29973490 8.54750265 0.46780280	22.5583788 0.5526881 0.22.5583788 0.3506461 0.22.5582171 0.26972489	22.5581736 22.5581736 2.82982571	0.27283040 22.2600049 0.17830171 22.2600049 0.18827830 2.78230066	1 8,76 1 8,76 1 8,76	5M 5.9 5M 5.9 5M 5.9	\$41,500 \$3,000 \$41,500 \$3,000 \$41,500 \$3,000 \$41,500 \$3,000	\$1,280 \$4,117 \$1,280 \$4,117 \$1,280 \$4,117	\$1,000 \$4, \$1,000 \$4, \$1,000 \$4,	63 51,86 5 63 51,86 5 63 51,86 5	680 \$5,883 680 \$5,883 680 \$5,883	\$9,721 \$9,721 \$9,721	\$4,830 \$2,439 \$4,830 \$2,439 \$4,830 \$2,439	\$4,850 \$4,850 \$4,850	\$972 \$3,820 \$975 \$3,820 \$975 \$3,820	\$18,829 \$18,829 \$18,829	\$50 \$1,4 \$50 \$1,0 \$20 \$1	5760 5760 700 5960	\$1,180 \$800 \$400	\$1,180 \$31,29 \$883 \$31,27 \$400 \$31,26	\$3,400 \$1,400 \$1,400
192711 WV 99271 948,87 192711 9279V 50 56 1548913 18-2319VBA 50 56	0 0 0.33538953 0 0 0 1 0 0	8.54790388	8 4194411	2 8.45906518. 188.706288 6.8582865	0.50950912	0 8,76 0 4,10	5M 5.9 5M 5.9 W 5.6	\$41,000 \$3,000 \$6 \$6 \$6 \$6	\$1,210 \$4,117 \$0 \$0 \$0 \$0	\$3,889 \$4,0 \$0 \$0	50 50 50 50 50	50 50 50 50 50 50	\$9,721 \$0 \$0	54,898 52,429 50 50 50 50	\$4,833 50 50	\$877 \$3,800 \$0 \$0 \$0 \$0	\$18,809 50 50	560 53,1 50 50	95 52K7 52 50 54 50	\$1,343 50 50	\$1,141 \$21,80 \$0 \$9 \$0 \$0	\$1,400 0 50 10 50
10.00913 AA-100-027987M \$90,721 537,149 20013 5184,627 537,149 400423 171 51 56	0 0 0.00141376 3 3 0.00788357 11 0 0.00788357	13.1340998	13.1242998 0-2171 2 24.4524538 0-20512534 0 0 0	86.17200324 0 88.45260384 0 0	0.00750377 28.4526558 0.00750257 28.4526558	1 4,10 2 2,80 0 8,76	NV 5.6 NV 5.5 NY 5.5	\$41,060 \$3,000 \$83,800 \$6,331 \$0 \$0	\$1,280 \$4,317 \$2,470 \$8,280 \$0 \$0	\$1,000 St.) \$7,772 S13) \$6	601 \$1,800 \$ 601 \$1,886 \$ 50 \$0	686 \$5,883 973 \$11,763 50 \$0	\$1,721 \$29,630 \$2	\$4,836 \$2,429 \$9,725 \$4,836 \$0 \$0	\$4,836 \$9,710 \$0	\$972 \$3,800 3,900 \$3,604 \$0 \$0	59,913 56,375 50	52 1 52 1	50 500 50 500	\$216 \$210 \$0	\$200 \$20,00 \$200 \$4,78 \$0 \$0	\$3,400 8 \$7,87 0 St
14070411 177 55 50 50 14070411 178 190,71 544,286 14070411 177 590,711 540,286	0 0 0.0083999 0 0 0.0083999	0 0 12.1608.788	0 0 0 0 12.7871000 0.09901846 0 12.7871000 0.09901846	12.7971360 12.7971360	0.0185999 12.1408788 0.0185999 12.1408788	0 8,76 1 8,76 1 8,76	NY 5.5 NY 5.5 NY 5.5	\$0 \$0 \$41,56 \$3,00 \$41,56 \$3,00	\$0 \$6 \$1,210 \$4,117 \$1,210 \$4,117	50 51,889 54, 51,889 54,	\$0 50 80 51,60 5 80 51,60 5	50 50 68 55,88 68 55,88	\$6 \$8,721 \$8,721	\$0 50 \$4,838 \$2,439 \$4,838 \$2,439	50 54,833 54,833	\$0 \$0 \$872 \$3,800 \$872 \$3,800	\$28,829 \$18,829 \$18,800	\$2 \$2 \$2 \$2 \$3	50 50 50 5430 50 5430	50 5362 5362	\$2 \$2 \$28.2 \$21,28 \$28.2 \$21,28	\$2 \$1,400 \$1,400
100 11 101 101 101 101 101 101 101 101	0 0 0.01272351 0 0 0.00977150	43.98380 0.0369479 72.3569279 0.00060419	64.0717278 0.00469473 78.1201800 0.0006041	86.0797878 76.12218029	0.002722374 62.88080 0.009771366 72.5568272	3 8,76 3 8,76	NY 3.5	\$41,164 \$3,000 \$83,85 \$4,11 \$128,000 \$6,17	\$2,475 \$8,210 \$1,700 \$12,100	\$7,772 \$13, \$11,698 \$26,	10 51,88 5 10 51,88 5 10 51,82 51,	973 \$11,761 63 \$17,669	\$19,55 \$29,55	\$0,710 \$4,830 \$10,720 \$7,200	99,713 514,379	3,900 \$3,400 2,900 \$3,420	\$18,800 \$18,800	6	57 \$2,100 55 \$2,660 50 \$2,660	\$1,114 \$1,316	\$1,150 \$21,28 \$1,200 \$21,28	57,87 6 \$11,00
ACIDIN 17-2 55 56 ACIDIN 17-3 55 56 ACIDIN 17-3 55 56 ACIDIN WV 192.22 511.840	0 0 0,002,703,00	0 0 0 1 138339390 0.00270120	1.10.2000 0.0001710	127989879	0 002700300 1.18128280	0 2,08 0 2,08 1 2,08	OH 6.3 OH 6.3 OH 6.3	50 50 50 50 50 50 50,000	50 50 50 50 512W 56317	50 50 51,000 56	S S S S C 1150 1	\$0 \$0 \$0 \$0 \$0 \$1,88	90 90 90 721	\$0 \$0 \$0 \$0 \$4.89 \$2.49	50 50 54,833	50 50 50 50 5073 51,800	50 50 54.180	50 50 52 1	9 50 9 50 50 111	50 50 51	\$0 \$1 \$0 \$1 \$1 \$1,00	1140
1067913 10042 50 50 1067903 175X1 53,74,021 533,850 1075303 175X2 537,435	8 8 0.00144933 0 0.0014933	828 508965 0.027069521 76 762276 0.00156832	0 2 00000988 0 765.878376 0.0360986 0 78.604306 0.00110652	1 5300,5160 814 10189 78 816200	0.003465577 628.508940 0.002465377 76.762278	0 8.07 10 8,76 3 8,76	76 6.0 76 6.0	\$7 \$7 \$703,550 \$89,500 \$123,000 \$6,577	\$20 \$2 \$31,460 \$75,734 \$1,709 \$12,800	570,800 5120, 511,600 520,	50 50 71. 586,900 58, 60 55,829 50	50 50 224 \$111,741 611 \$17,60	5186,589 529,100	50 50 502,350 546,347 524,577 57,289	50 592,796 S 514,579	50 50 8,650 504,850 2,950 50,620	50 518,800 518,800	9 1	50 50 (N \$28,000 (D \$2,000	\$11,841 \$11,641	50 50 511,860 521,28 51423 521,28	5 570,000 30 570,000 30 511,000
1003-7623 17CKH 3376,85 557,826 1003-7623 17CKB 5003,076 573,367 1003-7623 17CKF 3476,857 3476,857 533,177	0 6 0.0004811 0 0 0.0228911 0 0 0.0518921	76.763276 0.00156832 146.812567 0.06381800 77.8537869 0.11287895	78.654.006 0.00114612 0 133.410627 0.04581930 0 82.0962140 0.11287987	78.6500206 36 152.656617 82.0982110	0.00346517 74.742176 0.00089911 144.80343 0.05899321 77.9957643	3 8,76 5 8,76 8 8,76	PA 6.3 PA 6.3	\$121,490 \$6,179 \$221,810 \$10,210 \$123,490 \$6,170	\$1,700 \$12,800 \$6,170 \$30,500 \$1,700 \$12,800	\$11,650 \$20, \$29,600 \$84, \$11,650 \$20,	101 55,829 51, 201 59,710 52, 101 55,829 51,	431 517,641 421 529,401 431 517,641	\$29,10 \$68,570 \$29,10	\$14,575 \$7,286 \$34,280 \$12,146 \$14,575 \$7,286	\$14,579 \$24,280 \$14,579	2,901 \$5,424 4,839 \$5,000 2,901 \$5,424	\$18,800 \$18,800 \$18,800	\$2 1 \$4 \$1 \$12 \$1	52,860 521 \$5,500 531 \$2,963	\$1,427 \$2,816 \$1,688	\$1,621 \$21,28 \$2,856 \$21,26 \$1,669 \$21,26	511,04 6 518,44 44 511,04
1083-7621 STCXE 593_22 546_207 1083-7621 STCXED SIR4_EXT 531_EXT 1083-7621 STCXEI SIR4_EXT 531_EXT	0 0 0.00502181 0 0 0.00082178 0 0 0.0078780	2.5.9089090 0.00057738 44.7234882 0.00149171 44.7234882 0.00157284	23.1403783 0.03057783 47.0636090 0.00589171 47.0636090 0.03557286	23.3621786 67.0634290 6 67.0634290	0.00502361 28.9089092 0.00080878 66.7080867 0.00739790 66.7080867	2 8,76 2 8,76 2 8,76	PA 6.3 PA 6.3	\$41,00 \$3,00 \$83,80 \$4,11 \$83,80 \$4,11	\$1,210 \$4,117 \$2,410 \$8,210 \$2,410 \$8,210	\$1,888 \$4, \$7,772 \$13, \$7,772 \$13,	51,60 5 60 51,88 5 60 51,88 5	486 \$3,883 975 \$11,763 975 \$11,763	\$9,711 \$19,610 \$19,610	\$4,836 \$2,429 \$9,733 \$4,836 \$9,733 \$4,836	\$4,833 \$9,713 \$9,713	\$975 \$3,800 2,900 \$3,600 2,900 \$3,600	\$18,820 \$18,820 \$18,820	9 1 9 9	50 \$2,690 50 \$2,690 60 \$2,690	\$400 \$812 \$871	\$600 \$21,28 \$852 \$21,28 \$872 \$21,28	\$3,480 \$7,87 87 \$7,87
1005-7631 97CX12 5274_855 537_005 1005-7631 97CX35 55 1005-7631 11CX 50 50	6 6 0.00730035 6 0 0	0 0.00009311 0 0.000093111 0 0	7 78 M30431 0 03105-627 0 288 N09885 0 00009-812 0 0 0 0	78.5620631 238.903885 0 0	0.00720035 68.88038.EX 0 0	0 8,76 0 8,76	PA 6.3 PA 6.3	\$128,690 \$6,329 \$2 \$2 \$2 \$2	\$1,706 \$12,800 \$0 \$0 \$0 \$0	\$11,650 \$20, 50 50	101 \$3,829 \$3, 50 50 50 50	50 50 50	\$29,500 \$6 \$6	\$14,376 \$7,286 50 50 50 50	\$14,176 50 50	2,921 \$3,424 50 \$0 50 \$0	\$18,800 50 50	52 1 50 50	5C \$2,656 52 50 52 50	\$1,349 50 50	\$3,30 \$31,31 \$0 \$1 \$0 \$1	\$11,00 0 90 0 90
1765513 1200 5404,75 531,000 1766513 1208 5374,800 538,000 176551	6 4 0.0011465 1 0 0 0.0011465	75.8036585 0.05401910 75.8036585 0.003094040 0 0	0 78 030545 0 02327946 0 0 0 0 0 0 0	75.2393899 0 0	0.0311085 75.3186385 6 0111085 75.3186385	7 8,30 3 8,30 0 1,88	PA 6.3 PA 6.3	\$123,69 \$6,27 52 50 50	\$1,700 \$12,800 \$0 \$0	\$27,500 \$47) \$11,618 \$20) \$0	10 51,62 51, 10 53,826 51, 50 50	451 517,600 50 50	\$28,166 \$28,166	\$14,576 \$17,000 \$14,576 \$7,386 \$0 \$0	\$14,500 \$14,570 \$0	2,601 \$3,424 50 \$0	\$18,800 \$18,800 \$0	50 1 50 1	56 52,753 50 52	\$4,380 \$1,380 \$0	\$4,180 \$30,18 \$1,000 \$30,18 \$0 \$0	0 \$21,00 0 \$2
ACIPA 17-2 50 50 ACIPA 17-3 50 50 ACIPA MV 592,73 512,420	0 0 0.00047049	0.001470485 0.001470491	0.88276485 0.00427729	1127998	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1,88 0 1,88	76. 6.3 76. 6.3	50 50 50 50 543,00 53,00	50 50 51,239 54,10	50 50 51,886 54,	30 50 50 50 60 51,60 5	50 50 50 50 68 55,880	50 50 50,721	50 50 50 50 54,894 52,439	50 50 54,858	50 50 50 50 5872 53,825	50 50 54,343	90 90 90	30 50 50 50 50 57	50 50 50	\$0 \$1 \$0 \$2 \$1 \$4,35	5 51,400
1902 23.1 OVS BAR GLOCK SEC. 50 SO 1902 23.1 OVS BAR GLOCK SEC. 50 SO 1902 23.1 OVS CO. 375 SEC. 50 SEC.		0 0.00310717	188.85590 0.00350717	18.50750		0 8,60 0 8,60	78 6.6 78 6.6		S S	50 50	9 9 9 9	9 9 9 9	-	50 50 50 50	50 50	50 St 50 St	90 90	91 91	9 50 9 50	50 50	S 5	
1982 211 8400 197 50 50 1982 211 8400 197 50 50 1982 211 8400 197 50		0 0.0000000 0 0.0000000 0 0.0000000	188.853790 0.000809 9 188.853790 0.000809 9 188.853790 0.000809	118.355.766 118.355.766 118.355.766	0 0	0 8,60 0 8,60 0 8,60	PR 6.6 PR 6.6		50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	50 St 50 St	96 96	50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	50 50 50	\$0 \$0 \$0	92 50 92 50 93 50	50 50 50	N 5	
(M221) 8/100 (M4 50 50 50 50 50 50 50 50 50 50 50 50 50		0 0.0000000 0 0.00000000 0 0.0000000000	118 93790 C-2008099 9 118 93790 C-2008099 9 23 24982 C-77 98379	1 18 10 760 1 18 10 760 0 60 208	8 8	0 840 0 840	75. 5.6 75. 5.6 76. 5.6		50 50 50 50	50 50	50 50 50 50 50 50	50 SI	5	50 50 50 50	50 50 50	50 50 50 50	50 50	50 50 50	9 50 9 50 9 0	50 50 50	50 5 50 5	
982311 M1332_975 50 50 17423401 Make Wash 50 50 17423401 M17900-2 50		0 0.00789519 0 0.00789519	435.245880 0.00788518 0.00788518	0 635.209880 0 0	0 0	0 8,60 0 8,60 0 8,60	PR 6.6 PR 6.6		50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	50 St 50 St	96 96	50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	50 50 50	50 50 50	50 50 50 50 50 50	50 50 50	N 5	
1890011 Each Level 50 50 1890011 Each Fac 50 50 CUSTOMED 65 50 50	0 0 0	0 0		0 0	0 0 0 0	0 6,00 0 6,00 0 2,79	PR 6.6 PR 6.6	50 S	50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	\$0 \$0 \$0 \$0 \$0 \$0	92 92 92	50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	50 50 50	50 50 50	92 50 92 50 92 50	50 50 50	50 S 50 S 50 S	
CUSTOMED 21 590,212 517,499 CUSTOMED CEV seet 590,211 517,629 CUSTOMED Chamber reconvent cack 5186,622 521,869	0 0 0.007183300 0 3 0.00778030 0 0 0.00238800 23 0 0	\$1,891897 0.02990200 11,796811 0.00970230 48,1808189 0.0097800	9 81.8913837 0.06001372 9 11.796.9613 0.10096531 9 48.190.9189 0.02377338	82.412.8591 11.8902 51.5951569	0.00976206 81.8918837 0.0097636 11.7969611 0.00093806 68.1909189	1 2,79 1 2,79 2 2,79	78 6.6 78 6.6 78 6.6	\$41,560 \$3,050 \$41,560 \$3,050 \$83,850 \$4,131	\$1,280 \$4,517 \$1,280 \$4,517 \$2,470 \$8,240	\$1,891 \$4, \$1,893 \$4, \$7,772 \$110	62 51,66 5 62 51,66 5 63 51,88 5	50 50,88 50 50,88 97/ 511,76	\$9,721 \$9,721 \$19,68	\$4,810 \$2,431 \$4,810 \$2,431 \$9,731 \$4,838	54,850 54,850 59,715	\$977 \$3,800 \$977 \$3,800 1,900 \$3,600	56,040 56,040 56,040	50 51 50 51 52 1	270 543.7 270 513.7 56. 553.0	5.210 5.211 5.310	\$29.5 \$4,67 \$27.5 \$4,67 \$300 \$4,60	\$1,400 \$1,400 \$1,47
	13 0 0 0 0 0.000X7952 4 0 0 0 0	0 0 134500520 0.060839821 0 1.117098301	0 12000000 01206400 0 13.006470 11179930	1.26535836 23.5256230	0.060829621 1.36500924 0 0	0 8,70 1 8,70 0 8,60	78. E.E. 78. E.E.	\$61,266 \$3,000 \$61,266 \$3,000	\$1,210 \$4,317 \$0 \$0	50,000 54,1 50,000 54,1	50 50 50	00 50 50 50 50 50	\$6,721 \$6,721	50 50 54,838 52,439 50 50	50 54,858 50	50 50 50 50	\$18,179 \$18,179 \$0	\$13 \$1 \$23	50 50 50 50	\$0 \$306 \$0	\$254 \$21,30 \$25 \$2	51,400 51,400
1911461 10,ARV 95 95 MPROCVILATA (66-20,3 95 95 MPROCVILATA (66-21,3 95 95	1 0	0 00300261 0 0 0 0	5.8089800 0.08781988 0.08789800 0.08781988	21.9975256 0 0	0 0	0 8,58 0 8,38 0 8,38	PK 6.6 PK 6.6 PK 6.6	50 S	50 50 50 50	50 50 50	50 50 50 50 50 50	\$0 \$0 \$0 \$0 \$0 \$0	92 92 92	50 50 50 50 50 50	\$0 \$0 \$0	50 50 50 50 50 50	\$0 \$0 \$0	\$0 \$0 \$0	50 50 50 50 50 50	50 50 50	50 5 50 5	
MPOCYLLADA (62-32,3 50 50 50 50 50 50 50 50 50 50 50 50 50				0 0		0 6,38 0 6,38 0 6,38	77. E.E. 78. E.E.	N 9	50 50 50 50 50 50	56 56 56	50 S0	50 St 50 St	9	50 50 50 50 50 50	90 90 90	50 50 50 50 50 50	50 50 50	50 50 50	9 50 9 50 9 50	50 50 50	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
MPROCVALADA (62-25,3 50 50 50 50 50 50 50 50 50 50 50 50 50	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0			0 0	0 6,38 0 6,38 0 6,38	PR 6.6 PR 6.6		50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	50 St 50 St	96 96	50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	50 50 50	50 50 50	92 50 92 50 93 50	50 50 50	50 5 50 5	
	1 0 0 1 0 0 1 0 0					0 638 0 638 0 638	PK 5.6 PK 5.6 PK 5.6	50 Sr 50 Sr 50 Sr	50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	50 50 50 50 50 50	56 56 56	50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	50 50 50	50 50 50	50 50 50 50 50 50	50 50 50	50 S 50 S 50 S	5 SF
MPROCVELARIA (III.0-18, 3 50 50 50 50 50 50 50 50 50 50 50 50 50	1 1			0 0	6 0	0 6,38 0 6,38 0 6,38	79. 6.6: 79. 6.6: 79. 6.6:	50 50 50 50 50 50	50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	\$0 \$0 \$0 \$0 \$0 \$0	56 56	50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	50 50 50	90 90 90	90 50 92 50 92 50	50 50 50	50 50 50 50 50 50	9 9
MPROCVILLEAN UR-96.3 50 50 50 50 50 50 50 50 50 50 50 50 50	3 0 0 3 0 0	0 0		0 0	6 0 6 0	0 6,38 0 6,38 0 6,38	PK 6.6 PK 6.6 PK 6.6	50 50 50 50 50 50	50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	\$0 \$0 \$0 \$0 \$0 \$0	96 96	50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	50 50 50	50 50 50	\$2 \$0 \$2 \$0 \$4 \$0	50 50 50	\$0 \$1 \$0 \$1 \$0 \$1	5 S
MPROCYLLARA SILE-83 3 50 50 50 50 50 50 50 50 50 50 50 50 50	1 0 0 1 0 0	0 0 0 0		0 0	0 0 0 0	0 6,38 0 6,38 0 6,38	PK 6.6 PK 6.6	\$1 \$1 \$1 \$1 \$1 \$1 \$1	50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	\$0 \$0 \$0 \$0 \$0 \$0	56 56 56	\$0 50 \$0 50 \$0 50	50 50 50	50 50 50 50 50 50	50 50 50	50 50 50	92 50 92 50 92 50	50 50 50	\$0 9 \$0 9 \$0 9	
MPROCYLLARA (RE-13.3 SF SE	1 6 0.0000021	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0.05811372	0 0 0 0 0 0.000406311 0.06819650	0 6,38 0 6,38	PK 6.6 PK 6.6	\$0 50 \$0 50 \$41,560 \$3,00	56 56 56 56 51,216 54,117	50 50 51,000 54,	50 50 50 50 60 51,60 5	50 50 50 50 60 53,883	56 56 56,721	50 50 50 50 50,00 52,00	50 50 54,816	50 50 50 50 5073 \$3,800	50 50 514,503	50 50 52 1	50 50 50 50 60 50	50 50 512	\$0 \$1 \$0 \$1 \$10 \$23,45	5 50 50 53,400
MPROCVLAMA MIL-23 A \$90,22 \$84,375 MPROCVLAMA MIL-23 A \$90,22 \$84,375	0 0 0.0000023 0 0 0.0000023	0.000000000000000000000000000000000000	0.3481900 0.0348497 0.3481900 0.0348497	2.03811372	0.000600211 0.00619650 0.000600211 0.00619650	1 638 1 638	78 6.6 78 6.6	\$41,56 \$3,00 \$41,56 \$3,00 \$41,56 \$3,00	\$1,200 \$4,117 \$1,200 \$4,117	\$1,000 SA, \$1,000 SA,	61 51,60 5 61 51,60 5	600 53,833 600 53,833	98,721 98,721	54,898 52,429 54,898 52,429	54,838 54,838	5973 53,829 5973 53,829 5975 53,829	\$14,500 \$14,500 \$14,500	6	6. Si	\$12 \$12 \$12	5.0 523,05 5.0 523,05 5.0 523,05	\$1,40 \$1,40
MPROCVELARA IRE-31 A \$10,32 \$16,27 MPROCVELARA IRE-32 A \$10,27 MPROCVELARA IRE-30 A \$10,27	0 0 0.0000023 0 0 0.0000023 0 0 0.0000023	D.34429830 0.0006471 D.34429830 0.0006471 D.34429830 0.0006471	0.04619000 0.0048697 0.04619000 0.0048697 0.04619000 0.0048697	2.05811572 2.05811572 2.05811572	0.000406211 0.06819650 0.000406211 0.06819650 0.000406211 0.06819650	1 638 1 638 1 638	75 6.6 75 6.6	\$41,56 \$3,00 \$41,56 \$3,00 \$41,56 \$1,00	\$1,210 \$4,117 \$1,210 \$4,117 \$1,210 \$4,117	\$1,800 \$4, \$1,800 \$6, \$1,800 \$6	G 51,50 5 G 51,50 5 G 51,50 5	600 53,883 600 53,883 600 53,883	\$9,721 \$9,721 \$9,721	\$4,830 \$2,439 \$4,830 \$2,439 \$4,830 \$2,439	\$4,838 \$4,838 \$4,838	\$975 \$3,809 \$972 \$3,809 \$973 \$3,809	\$14,500 \$14,500 \$14,500	\$2 \$2 \$2	6. 51 6. 51	\$12 \$12 \$12	\$40 \$23,95 \$40 \$23,95 \$40 \$23,95	\$1,40 \$1,40
MPROCVELARIA (RE-27 A \$10,27) MPROCVELARIA (RE-21 A \$10,25) MPROCVELARIA (RE-27 A \$10,27)	0 0 0.0000021 0 0 0.0000021 0 0 0.0000021	0.00429900 0.00060421 0.00429900 0.00060421 0.00429900 0.00060421	0.04619000 0.0048997 0.04619000 0.0048997 0.04619000 0.0048997	2.05811572 2.05811572 2.05811572	0.000406312 0.06817650 0.000406312 0.06817650 0.000406312 0.06817650	1 4,18 2 4,18 1 4,18	PR 6.6: PR 6.6:	\$41,160 \$3,000 \$41,160 \$3,000 \$41,160 \$3,000	\$1,285 \$4,107 \$1,285 \$4,107 \$1,285 \$4,107	\$1,000 \$6, \$1,000 \$6, \$1,000 \$6,	62 \$1,86 \$ 62 \$1,86 \$ 62 \$1,86 \$	686 \$5,883 686 \$5,883 686 \$5,883	\$9,721 \$9,721 \$9,721	\$4,830 \$2,429 \$4,830 \$2,429 \$4,830 \$2,429	54,838 54,838 54,838	\$972 \$3,820 \$972 \$3,820 \$972 \$3,820	\$14,501 \$14,503 \$14,503	10 10	66. 51 66. 52 66. 51	\$12 \$12 \$12	\$10 \$23,46 \$10 \$23,46 \$10 \$23,46	51,400 51,400 61 51,400
MPROCYLLARA MILE-SI A 192.22 584.272 MPROCYLLARA MILE-SI A 190,212 584,272 MPROCYLLARA MILE-SI A 192,22 584,277	0 0 0.0000021 0 0 0.000021 0 0 0.000021	0.00029900 0.0000021 0.00029900 0.0000021 0.00029900 0.0000021	0.000378000 0.00088997 0.000378000 0.00088997 0.000378000 0.00088997	2 01811172 2 01811172 2 01811172	0.000406311 0.00419650 0.000406311 0.00419650 0.000406311 0.00419650	1 638 1 638	75 6.6 75 6.6 76 6.6	\$41,060 \$2,000 \$41,060 \$3,000 \$41,060 \$3,000	\$1,210 \$6,117 \$1,216 \$6,117 \$1,216 \$4,117	\$1,000 \$6. \$1,000 \$6. \$1,000 \$6.	62 51,60 5 62 51,60 5	68 55.88 68 55.88	\$6.721 \$6,721 \$6,721	54,898 52,429 54,898 52,429 54,898 52,429	54,830 54,830 54,830	\$973 \$1,829 \$973 \$1,829 \$975 \$1,820	\$14,503 \$14,503 \$14,503	52 1 52 1 52 1	56. 55 66. 55	\$12 \$12 \$12	\$10 \$23.00 \$10 \$23.00 \$10 \$23.00	\$1.40 \$1.40 \$1.40
MPROCVILLEAN SER-95, A SP2,275 SAL377 MPROCVILLEAN SER-95, A SP2,275 SAL377 MPROCVILLEAN SER-96, A SP2,255 SAL377	6 0 0.0000023 0 0 0.0000023 0 0 0.0000023	0.04379983 0.0006031 0.04379983 0.0006031 0.04379983 0.0006031 0.04379983 0.0006031 0.0437993 0.0006031 0.0437993 0.0006031 0.0437993 0.0006031 0.0437993 0.0006031 0.0006031 0.0006031 0.0006031 0.0006031 0.0006031	0.04819800 0.00488497 0.04819800 0.00488497 0.04819800 0.00488497	2.03811372 2.03811372 2.03811372	0.000406311 0.00419450 0.000406311 0.00419450 0.000406311 0.00419450	1 6,38 1 6,38 1 6,38	FR 6.6 FR 6.6	\$41,260 \$3,000 \$41,260 \$3,000 \$41,260 \$3,000	\$1,280 \$4,317 \$1,280 \$4,317 \$1,280 \$4,317	\$1,886 \$4, \$1,886 \$4, \$1,886 \$4,	E2 \$1,80 5 E2 \$1,80 5 E2 \$1,80 5	600 \$3,883 600 \$3,883	\$9,721 \$9,721 \$9,721	\$4,898 \$2,429 \$4,898 \$2,429 \$4,838 \$2,429	\$4,838 \$4,838 \$4,838	\$973 \$3,839 \$973 \$3,839 \$975 \$3,839	\$14,503 \$14,503 \$14,503	\$2 \$2 \$2	56. \$1 56. \$1 56. \$1	\$12 \$12 \$12	\$6 \$23,85 \$6 \$23,85 \$6 \$23,85	\$1,400 51,400 51,400
MPROCYLLARA (III-97)A 500,012 MPROCYLLARA (III-97),A 500,012 MPROCYLLARA (III-91),A 500,012 MPROCYLLARA (III-91),A 500,012	0 0 0.0000071 0 0 0.0000071 0 0 0.0000071	0.000000000000000000000000000000000000	0.30419030 0.0049997 0.30419030 0.0049997 0.20419380 0.0190490	2.05811572 2.05811572 2.11815085	0.000408311 0.00429450 0.000408311 0.00429344 0.00438497 0.30429344	1 6,38 1 6,38	78 6.6 78 6.6	\$41,560 \$3,000 \$41,560 \$3,000 \$41,560 \$3,000	\$128 \$630 \$128 \$630 \$128 \$630	\$1,000 SA, \$1,000 SA, \$1,000 SA,	62 51,60 5 62 51,60 5 63 51,60 5	684 33,883 684 53,883 686 53,883	\$6,721 \$6,721 \$6,721	54,830 52,429 54,830 52,429 54,830 52,429	54,838 54,838 54,838	5972 53,829 5972 53,829 5973 53,829	\$14,503 \$14,503 \$14,503	10 10 10	16. 51 16. 51	\$12 \$12 \$73	\$10 \$23,00 \$10 \$21,00 \$25 \$23,00	51,400 51,400 51,400
MPROCVELARA (RE-ES A \$10,25 \$34,46) MPROCVELARA (RE-ES A \$10,27) \$10,001 \$10,001	0 0 0.00080071 0 0 0.00080071	D.108281887 D.00488897 D.108281880 D.00080821 296.224905 D.00052281	0 0.003/8440 0.00198490 0 0.004/8900 0.002/8900 0 22.822/8700 0.002/87290	0.11111000 0.01111172 0.777788	0.00458697 0.30629160 0.000406271 0.00619650 0.00187509 296.22090	1 638 1 638 9 836	78 64 78 64 8 132	\$41,56 \$3,00 \$41,56 \$3,00 \$100,00 \$38,52	\$1,210 \$4,117 \$1,210 \$4,117 \$11,119 \$87,009	\$1,890 \$4, \$3,890 \$4, \$36,970 \$61,	62 \$1,80 \$ 62 \$1,80 \$ 50 \$17.66 \$6	600 53,883 600 53,883 874 533,830	\$9,721 \$9,721 \$87,65	\$4,830 \$2,429 \$4,830 \$2,429 \$68,720 \$31,830	\$4,838 \$4,838 \$48,738	5972 53,829 5972 53,829 8,700 536,279	\$14,500 \$14,500 \$14,800	5) 51 52 51	64 50 65 51 70 528100	\$75 \$12 \$14,233	\$79 \$23,95 \$40 \$23,95 \$14,213 \$30,77	\$1,400 \$1,400 70 \$11,20
1580921 57-8 50 50 1500921 50-8 5000 Vach 590,72 546,807 1500921 550 150,00 5640,476 500,600	0 0 0 0.01813688 0 0 0.00833688 0 0 0.0008388	0 0.00126928 0.0042898 0.00428300 124.869482 0.0003397	0 77.185560 0.00126838 0 7.83517017 0.0063830 7 251.808370 0.0003207	77.188166 7.82517217 251.82821	0 0 0.00605688 6.987998 0.0305798 224.869483	0 8,36 2 8,36 7 8,36	N 15.7 N 15.7 N 15.7	\$0 \$0 \$41,580 \$3,000 \$288,540 \$14,600	\$0 \$0 \$1,235 \$4,127 \$8,445 \$28,836	\$1,889 \$4, \$27,200 \$4.7	50 50 60 51,60 5 10 51,60 51	\$0 \$0 686 \$3,883 600 \$41,066	\$6 \$8,721 \$88,000	\$0 \$0 \$4,838 \$2,429 \$34,000 \$17,000	50 54,838 514,001	\$0 \$0 \$972 \$3,800 8,800 \$32,650	50 518,860 518,860	50 53 1 54 51	50 50 50 5440 52 523,880	50 530 522,752	\$0 \$1 \$880 \$30,77 \$10,793 \$30,77	5 53,489 76 523,819
16803311 5PP-3 55 50 16803311 5PP-2 5184,22 531,321 16803213 1PP-5 593,312 548,663	6 0 0.00129290 0 0 0.0012929	0 0 0 02396041 1 33.7711332 0.0009600	0 0 127 16 1715 0 02 161806 17 18108235 0 0000 213	0 507.829067 22.666660	0.00420830 84.827908 0.00010929 10.7212910	0 8,67 2 8,67 1 8,67	5C 5.8 5C 5.8 5C 5.8	\$2 \$6 \$83,85 \$4,33 \$43,56 \$3,00	\$6 \$6 \$2,476 \$8,230 \$1,236 \$4,117	\$7,772 \$130 \$1,000 \$4.	50 50 60 58,88 5 60 51,60 5	\$0 \$0 975 \$11,765 686 \$3,881	\$09,685 \$09,685 \$9,725	\$0 50 \$9,735 \$4,838 \$4,838 \$2,439	50 59,735 1 54,836	\$0 \$0 1,849 \$3,600 \$972 \$1,800	\$18,670 \$18,670	50 50 50 50	50 50 56 52,290 53 51.60	\$0 \$1,189 \$200	\$0 \$1 \$1,180 \$30,56 \$181 \$30,18	\$7,87 \$3,400
14803315 PPH-1 50 50 50 50 50 50 50 50 50 50 50 50 50				0	6 0	0 8,67 0 7,00	10 18 10 18	50 50 50 50 50 50	90 90 90 90 90 90	50 50 50	50 50 50 50 50 50	50 50 50 50 50 50	96 96	90 90 90 90 90 90	50 50 50	50 50 50 50 50 50	50 50 50	90 90 90	50 50 50 50 50 50	50 50 50	\$0 9 \$0 9 \$0 9	4 9
1801001 Ondaw NAX 5184,07 512,337 1801001 OH BAS VAN 592,32 573,560	0 0 0.30079898 0 2 2.48997310	\$8.5792415 0.20409029 22.902099 4.99902	81.4647416 0.17901430 91.1047416 0.47901430	71.423637 21.0037708	0.10078888 18.1712615 2.68987130 22.832299	2 8,63 1 8,63	1N 5.8 1N 5.8	\$43,00 \$4,00 \$41,00 \$3,00	\$2,470 \$8,230 \$1,280 \$4,317	\$7,772 \$13, \$1,000 \$4,	50 51,880 5 601 51,860 5	975 \$11,76 68 \$1,88	\$19,68 \$8,721	59,713 54,834 54,834 51,439	50,735 1 54,839	1,901 \$3,604 \$972 \$1,804	\$18,127 \$18,127	\$10 \$1 \$46 \$14,0	55 \$5,761 66 \$7.01	\$1,340 \$7,400 \$700	\$1,100 \$21,00 \$7,600 \$21,12	\$7,87 \$1,60
1801011 Chamber J Room Vend \$10,312 \$47,310 1801011 Chamber J Room Vend \$10,312 \$47,310 1801011 Chamber J Boom Vend \$10,312 \$43,300	0 0 0.36900000 0 0 0.36900000 0 0 0.0607401	11.0217889 0.0040100 11.0217889 0.0040100 0.2012860 0.22100011	0 113816729 035668188 0 113816729 035668188 0 43566732 02016611	11.50.6720 11.50.6720 4.528870	0.26100831 13.3007889 0.26100831 13.007889 0.0087431 4.2632390	1 8,63 1 8,63	TN 5.5 TN 5.6 TN 5.6	\$41,56 \$3,00 \$41,56 \$3,00 \$41,56 \$1,00	\$1,210 \$4,117 \$1,210 \$4,117 \$1,210 \$6,117	\$1,000 St. \$1,000 St. \$1,000 St.	G1 \$1,50 5 G2 \$1,50 5 G2 \$1,50 5	68 55,883 68 55,883 68 55,883	\$8,721 \$8,721 \$8,721	\$4,89 \$1,49 \$4,89 \$1,49 \$4,89 \$1,49	\$4,818 \$4,818 \$4,818	\$973 \$3,829 \$973 \$3,829 \$973 \$3,829	\$18,127 \$18,127 \$18,127	549 \$3,1 549 \$3,7 529 \$3	54 5340 54 5340 55 510	\$907 \$907 \$208	599/1 521,07 599/1 521,07 539/1 521,08	\$1,400 \$1,400 \$1,400
IRELECT Chamber 2 Color Vent \$93,371 \$45,200	0 0 0.0927433 0 0 0.09500085	4.24831965 0.321064111 0 0.151832000 61.0679736 0.051678833 61.0679736 0.051678833	0 0.32868732 0.20106411 0 181.51808 0.1515200 0 05.2090000 0.05157833	4.3388742 283.53897 63.2390000	0.09874811 6.368219409 6 0 0.02983061 60.0679716	1 8,63 0 8,63 2 8,76	TN 5.8 TN 5.8 TN 5.8	\$41,166 \$3,000 \$0 \$6 \$83,815 \$4,311	\$1,285 \$4,117 \$0 \$0 \$2,475 \$8,235	\$1,000 \$6,0 50 \$7,772 \$11,0	62 51,86 5 50 50 62 51,88 5	50 50 970 \$11,760	\$9,721 \$0 \$19,610	54,838 52,429 50 50 59,715 54,838	\$4,858 \$0 \$9,715	\$972 \$3,839 \$0 \$0 2,900 \$3,600	\$18,327 \$0 \$18,829	\$18 \$1 50 51 \$1	50 51 60 50 50 50 52,001	\$338 50 \$1,077	\$850 \$21,08 \$0 \$1 \$1,07 \$21,30	53,430 0 \$1 40 \$3,431
100711 11199 5184,07 512,10 101711 11199 5184,07 512,20 100711 111910 5184,07 512,20	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	61.0279726 0.053278333 61.0279726 0.053278333 61.0279726 0.053278333	65.299000 0.058763 65.299000 0.058763 65.299000 0.058763	63.239000 63.239000 63.239000	0.021030051 60.0079716 0.021030051 60.0079716 0.021030051 60.0079716	2 8,76 2 8,76 2 8,76	TN 5.E TN 5.E TN 5.E	\$82,85 \$4,33 \$82,85 \$4,33 \$82,85 \$4,33	\$2,610 \$8,210 \$2,610 \$8,210 \$2,610 \$8,210	\$7,772 \$13, \$7,772 \$13, \$7,772 \$13,	101 \$1,880 \$ 101 \$1,880 \$ 101 \$1,880 \$	975 \$11,761 975 \$11,761 975 \$11,761	\$09,680 \$09,680 \$09,680	\$9,733 \$4,830 \$9,733 \$4,830 \$9,733 \$4,830	\$9,713 \$9,713 \$9,713	2,90 \$3,60 2,90 \$3,60 2,90 \$3,60	\$18,820 \$18,820 \$18,820	50 51 50 51 50 51	141 \$2,001 141 \$2,001 141 \$2,001	\$1,077 \$1,077 \$1,077	\$1,07 \$21,36 \$1,07 \$21,36 \$1,07 \$21,36	\$7,87 \$ \$7,87 \$ \$7,87
100711 111911 537,83 547,730 100711 111913 5681,0% 568,875 100711 111911 5681,0% 568,875	0 0 0.000.00 0 0.000.00 0 0.000.00 0 0 0.000.00	23.556479 0.00061807 13.7.554679 0.00061807	93.6003895 0.0123802 0 176.518833 0.00066380 0 176.518833 0.00064380	93.6421895 278.519952 278.519952	0.00000380 88.0960110 0.00000380 157.856673 0.00000380 157.856673	5 8,76 5 8,76 5 8,76	TN 5.8 TN 5.8 TN 5.8	\$121,00 \$4,17 \$20,81 \$10,24 \$20,81 \$10,24	\$1,706 \$12,800 \$6,279 \$30,380 \$6,279 \$30,380	\$11,450 \$20, \$29,450 \$14, \$29,450 \$14,	50,829 52, 50 59,730 52, 50 59,730 52,	63.1 \$17,64 621 \$29,65 621 \$29,65	\$28,550 \$48,570 \$48,570	\$34,375 \$2,386 \$34,280 \$12,146 \$34,280 \$12,146	\$14,529 \$34,200 \$34,200	2,903 \$5,430 4,850 \$9,040 4,850 \$9,040	\$ 19,825 \$ 19,825 \$ 18,825	\$5 \$0 \$0	\$2,900 \$2 \$3,180 \$3 \$3,180	\$1,543 \$2,500 \$2,500	31,361 531,38 52,380 531,28 52,380 531,28	\$11,00 4 \$18,40 10 \$18,40
111974 5081076 5081076 100711 1119715 5081076 5081076 1007111 111976 5081076 5081076	0 0 0 0.000 MA NO 0 0 0 0.000 MA NO 0 0 0.000 MA NO	157 954679 0.00061367 157 954679 0.00061367 157 954679 0.00061367	276.51993 0.00066380 9 176.51993 0.00064380 9 176.51993 0.00064380	176.109822 176.109822 176.109822	0.0009356 157.85072 0.0009356 157.85072 0.0009356 157.85072	1 8,76 1 8,76 1 8,76	TN 5.8 TN 5.8	\$20,81 \$10,21 \$20,81 \$10,21 \$20,81 \$10,21	96,279 \$30,389 \$6,279 \$30,389 \$6,279 \$30,389	\$29,480 \$84, \$29,480 \$84, \$29,480 \$84,	50,720 52, 50 59,720 52, 50 59,720 52,	529,600 629 529,600 629 529,600	568,570 568,570 568,570	\$11,160 \$16,280 \$11,160 \$11,160	\$34,200 \$34,200 \$34,200	4,800 58,000 4,800 58,000 4,800 58,000	\$18,825 \$18,825 \$18,825	N St St	50 53,186 50 53,186 50 53,186	\$2,500 \$2,500 \$2,500	52,380 521,28 52,380 521,28 52,380 521,28	518,61 518,61 6 518,61
100711 111978 577431 514.00 100711 111978 577431 514.00 100711 111978 577431 554.00	0 0 0 0.000 833 16 0 0 0.000 833 16 0 0 0.000 833 16	337.994679 0.00064380 83.1891310 0.00067333 83.1891310 0.00067333	90.061560 0.00067383 90.061560 0.00067383	90.061166 90.061166	0.00000236 80.890336 0.00000236 80.890336	8,76 8,76 8,76	TN 5.8 TN 5.8	\$121,69 \$4,17 \$121,69 \$4,17 \$121,69 \$4,17	\$1,700 \$12,800 \$1,700 \$12,800 \$1,700 \$12,800	\$11,619 \$20, \$11,619 \$20, \$11,619 \$20,	50,720 52, 60 51,820 51, 60 51,820 51, 60 60	529,800 601 \$17,600 601 \$17,600	\$29,10 \$29,10	\$12,140 \$14,377 \$14,377 \$14,377 \$7,380	\$14,55 \$14,55	2,902 \$3,424 2,902 \$3,424 50 \$3,424	\$18,829 \$18,829 \$18,829	50 50 50	55 52,665 52 52,665 50 52,665	\$2,500 \$1,126 \$1,126	\$1,20 \$21,28 \$1,30 \$21,28 \$1,30 \$21,28	\$11,00 \$11,00 \$11,00
STRATEC 1 SE SE STRATEC STM_A SERVED SMAJES STRATEC STM_CE STRATE STRATEC STM_CE STRATE	6 0 1.66136127 0 4 0.90171270	59.4 7.37128491 59.4 7.37128491 58.7041230 1.31084	0.90560478 0.12989788 59.75 7.39128996 59.8790812 0.8908	0 0.90560478 38.90 59.8790412	2 46136137 59. 0.90375879 38.7040320	0 8,76 2 8,76 2 8,76	7X 5.0 7X 5.0 7X 5.0	\$0 9 \$0,00 \$4,11 \$0,00 \$4,11	\$0 50 \$2,470 \$8,230 \$3,470 \$8,230	\$1,772 \$110 \$1,772 \$110	50 50 101 51,88 5 101 51,88 5	50 50 970 511,761 970 511,761	\$19,68 \$19,68	50 50 50,710 54,838 50,710 54,838	50 59,730 59,730	50 50 1,60 53,60 1,90 53,60	\$19,809 \$19,809	\$0 \$680 \$21,5 \$180 \$5.1	\$0 \$0 56 \$1,850 67 \$0.800	\$0 \$13,793 \$8,587	\$0 5 \$11,70 \$21,88 \$1,550 \$21.42	57,87 50 57,87 20 57,87
OVATIC 826.3 50 50 100943 094.1 50 50 100943 094.2 50 50		0 0 0	64 2017/02 4 002/04/07	128 5/2 6/86	8 0	0 40 0 7,80 0 7,80	TX 1.0 TX 1.0 TX 1.0	50 St 50 St	50 50 50 50	50 50 50	50 50 50 50	50 50 50 50	56 56	50 50 50 50 50 50	50 50	50 50 50 50	50 50	50 50 50	50 50 50 50	50 50 50	50 S 50 S 50 S	
1009411 6FH S 50 56 1009411 6F1 Drum Noon Dry Brd 580,010 540,870 1009411 6FH SS 5848,860 517,647	6 0 0.00235349 0 0 0.00235349	0 0.0445082 29.0618088 0.003114309 119.817084 0.00846729	9 22.000000 0.0011430 9 22.000000 0.00111430 9 188.479972 0.003872	64.3857142 9 22.6859044 118.479830	0.00221248 18.0418089 0.00183008 119.817084	0 7,80 1 7,80 4 7,80	7X 5.0 7X 5.0 7X 5.0	\$2 \$2 \$41,164 \$2,010 \$184,666 \$3,210	\$0 \$0 \$1,280 \$4,317 \$4,550 \$30,400	\$0 \$1,880 \$4, \$23,560 \$27,	50 50 60 51,80 5 60 57,775 51,	30 S0 686 S3,883 961 S23,525	\$6 \$9,721 \$38,840	\$0 \$0 \$4,830 \$2,420 \$39,480 \$9,730	50 54,830 518,48	50 50 5972 53,839 8,886 57,213	\$17,189 \$17,189	\$0 \$0 \$0	50 50 52 55.83 53 54.83	\$0 \$277 \$1,676	\$27.5 \$38,60 \$27.6 \$38,60 \$1,635 \$38,60	\$1,400 \$1,400 \$14,750
1000411 (FN 13 5382,80 537,80* 1000411 (FN 18 5382,80 537,80* 1000411 (FN 18 5382,80 537,80*	0 0 0.000000000 0 0 0.00000000 0 0 0.00000000	10.81708 0.0084721 119.81708 0.0084721 119.81708 0.0084721 119.817080 0.0084721	118.479972 0.0038372 118.479972 0.0038372 118.479972 0.0038372	18.479830 18.479830 18.479830	0.00183008 119.817080 0.00183008 119.817080 0.00183008 119.817080	4 7,80 4 7,80 6 7,80	7X 5.0 7X 5.0 7X 5.0	\$184,66 \$3,28 \$184,66 \$3,28 \$184,66 \$3,28	54,842 534,666 54,842 534,666 54,842 534,666	\$13,540 \$27; \$13,540 \$27; \$13,540 \$27;	57,775 51, 10 57,775 51, 10 57,775 51,	961 \$21,521 961 \$21,521 961 \$21,521	\$18,80 \$18,80 \$18,80	\$29,410 \$9,710 \$29,410 \$9,710 \$29,410 \$9,710	518,480 518,480 518,480	1,00 17,213 1,00 17,213 1,00 17,213	\$17,189 \$17,189 \$17,189	50 50 50	14, 161 14, 161 15 14, 161	\$1,676 \$1,676 \$1,676	\$1,670 \$18,60 \$1,670 \$18,60 \$1,670 \$18,60	30479 31479 31479
1009411 (FR 18 5368,80 537,847 1009411 (FR 18 5368,80 537,847 1009411 (FR 22 5368,80 547,847	0 0 0.000x10000 0 0 0.000x10000 0 0 0.000x10000	0 0.0400001 31.0410000 1.001310101 119.817000 0.00003071 119.817000 0.0000371 119.817000 0.0000371 119.817000 0.0000371 119.817000 0.0000371 119.817000 0.0000371 119.817000 0.0000371 119.817000 0.0000371 119.817000 0.0000371 119.817000 0.0000371 119.817000 0.0000371 119.817000 0.0000371	188.478971 0.001827 0 188.478972 0.001827 0 188.478972 0.001827 0 188.478972 0.001827	118.479830 118.479830 118.479830	0.00183008 119.817080 0.00183008 119.817080 0.00183008 119.817080	4 7,80 4 7,80 4 7,80	TX 1.0 TX 1.0 TX 1.0	\$104,000 \$8,25 \$104,000 \$8,25 \$104,000 \$8,25 \$104,000 \$8,25	\$4,940 \$18,600 \$4,940 \$18,600 \$4,940 \$18,600	\$13,540 \$27, \$13,540 \$27, \$13,540 \$27,	50 \$7,775 \$3, 50 \$7,775 \$3, 50 \$7,775 \$3,	961 \$21,52 961 \$21,52 961 \$21,52	538,844 538,844 538,844	\$29,480 \$9,723 \$29,480 \$9,723 \$29,480 \$9,723	\$28,480 \$28,480 \$28,480	1,880 17,213 1,880 17,213 1,880 17,27	\$17,189 \$17,189 \$17,189	50 50 50	50,000 51,000 51,000 51,000	\$1,876 \$1,876 \$1,876	\$1,675 \$18,60 \$1,675 \$18,60 \$1,675 \$18,60	\$14,74 \$14,74
1009411 (FM 0 5368,R0 556,339 1009413 (FM 5 50 50 1009413 (FM 7 548,R0 50	0 0 0.007404279 4 4 0.007404279		118.27997 0.001437 8 138.2796 0.0183648 0 0 0 1 188.27997 0.014688	116.0784 0 116.0784 0 0	0.007806274 100.892183 6 0	4 7,80 0 7,80	7X 1-0 7X 1-0 7X 1-0	\$184,66 \$0,21 \$184,66 \$0,21 \$2 \$1 \$144,66 \$0,20	\$4,540 \$16,600 50 \$0 54,500 \$10,600	\$13,540 \$27; \$6 \$13,540 \$27;	50 57,775 53, 50 50	50 50 50 50	538,845 50 50	\$19,480 \$9,710 50 \$0 \$19,480 \$0	\$23,430 \$0 \$12,430	1,000 57,213 50 50 1,000 51	\$17,189 50 517,189	50 50	50 50 50 50	\$1,423 50 51 400	\$1,621 \$18,91 50 5 \$1,672	51476 51476
1009413	0 0 0.000X7000 0 0 0.000X7000 0 0 0.000X7000	116 817080 0.00140881 116 817080 0.00140881 116 817080 0.00140881 116 817080 0.00140881	188.479970 0.00180888 188.479970 0.00180888 188.479970 0.001400888	188.479830 188.479830 188.479830	0.00087000 119.817080 0.00087000 119.817080 0.00087000 119.817080	6 7,80 6 7,80 6 7,80	TX 5.0 TX 5.0 TX 5.0	\$184,66 \$3,25 \$184,66 \$3,25 \$184,66 \$3,27	\$4,942 \$16,666 \$4,942 \$16,666 \$4,960 \$12,666	\$13,560 \$27, \$13,560 \$27, \$13,660 \$17	100 \$2,775 \$5, 100 \$2,775 \$5, 100 \$2,775	961 \$21,321 961 \$21,321 961 \$21,531	\$38,860 \$38,860 \$38,860	\$29,480 \$9,723 \$29,480 \$9,723 \$29,480 \$9,723	\$18,680 \$18,680 \$18,680	1,880 \$7,213 1,880 \$7,213 1,880 \$7,27	\$17,189 \$17,189 \$17,189	\$0 \$0 \$0	D SARES D SARES D D D	\$1,675 \$1,675 \$1.675	\$1,672 \$18,60 \$1,673 \$18,60 \$1,673 \$18,60	\$14,75 \$14,75 \$14,75
0.00421	0 0 0.000E7000 0 0 0.000E7000 30 0 0	110 817080 0.00140881 110 817080 0.00140881 0 0	188.479972 1.00340883 188.479972 0.00340883	118.479830 118.479830	0.00087000 119.817080 0.00087000 119.817080 0	6 7,80 6 7,80 0 8,33	TX 5.0 TX 5.0 TX 5.0	\$184,66 \$3,25 \$184,66 \$3,25 \$2 \$2	\$4,840 \$36,666 \$4,840 \$38,666 \$0 \$0	\$15,540 \$27; \$15,640 \$27; \$6	101 \$7,775 \$1, 101 \$7,775 \$1, 50 \$0	961 \$23,321 961 \$23,321 50 \$0	SSEREC SSEREC SC	\$29,410 \$9,725 \$29,430 \$9,725 \$0 \$0	\$18,480 \$18,480 \$0	1,886 \$7,213 1,886 \$7,213 50 \$0	\$17,189 \$17,189 \$0	50 50 50	\$2 \$3,800 \$2 \$3,800 \$2 \$3	\$1,675 \$1,675 \$0	\$1,675 \$18,80 \$1,675 \$18,90 \$0 \$1	\$14,75 \$14,75 \$1
100 100	0 0 3.833.290-0 0 0 0.00009829 0 0 0.00009829	5.47171814 1.301394 1.77.1818299 1.001862000 77.1818299 1.001862000 77.1818299 1.001862000 77.1818299 1.001862000 17.1818299 1.001862000 17.1818299 1.001862000 17.1818299 1.001862000 17.181818299 1.001862000 17.181829 1.001862000 17.181829 1.001862000 17.181829 1.001862000 17.181829 1.001862000 17.181829 1.00186200 17.181829 1.001862000 17.181829 1.001862000 17.181829 1.001862000 17.181829 1.001862000 17.181829 1.001862000 17.181829 1.001862000 17.181829 1	1.201201-0 1.2183216 1.20120200 1.2183216 2.00160200	3 43685458 121 99068 121 99068	2.00109825 77.1898259 0.00109825 77.1898259	1 8,33 1 8,33 1 8,33	TX 5.0 TX 5.0 TX 5.0	\$41,500 \$3,000 \$121,600 \$4,17 \$121,600 \$4,17	\$1,280 \$4,317 \$1,700 \$12,800 \$1,700 \$12,800	\$1,600 \$4, \$11,600 \$20, \$11,600 \$20,	E2 51,80 5 E0 51,82 51, E0 51,82 51,	68 \$1,88 63 \$17,60 63 \$17,60	\$9,71 \$29,14 \$29,14	\$4,838 \$2,439 \$34,379 \$7,386 \$34,379 \$7,380	\$4,838 \$14,876 \$14,870	\$975 \$3,800 2,900 \$3,424 2,900 \$3,424	\$18,7% \$18,7% \$18,7%	\$0 \$0 \$0	\$2 \$150 50 \$2,800 50 \$2,800	\$5,177 \$1,177	\$1,17 \$30,45 \$1,17 \$30,45 \$1,17 \$30,45	\$3,400 8 \$11,04 16 \$11,00
100-1 5276,435 535,207 100311 070-6 5276,435 533,207 100311 070-7 5276,435 533,207	0 0 0.00009929 0 0 0.00009929 0 0 0.00009929	77 1836 758	121 892166 0.00360.000 6 121 892166 0.00360.000 7 121 892166 0.00360.000	131,99046 131,99046 131,99046	0.00109825 77.1898259 0.00109825 77.1898259 0.00129825 77.1898259	1 133 1 133	7X 5.0 7X 5.0 7X 5.0	\$173,000 \$6,17 \$231,000 \$6,17 \$231,000 \$6,17 \$221,000 \$6,17	\$1,700 \$12,800 \$1,700 \$12,800 \$1,700 \$12,800	\$11,450 \$20, \$11,450 \$20, \$11,450 \$20,	33,820 S1, 101 S3,820 S1, 101 S1,820 S1	517,60 601 517,60 601 517,60	\$28,140 \$28,140 \$29,140	\$14,375 \$7,200 \$14,375 \$7,200 \$14,375 \$7,200	\$14379 \$14379 \$14379	2,900 \$3,400 2,900 \$3,400 2,900 \$3,400	\$18,776 \$18,776 \$18,776	50 50 50	52,100 59 52,100 50 52,100	\$1,175 \$1,175 \$1,175	\$1,17 \$30,00 \$1,17 \$30,00 \$1,17 \$20,00	\$11,00 \$11,00 \$11,00
100 8 5276,835 533,205 1803111 170-0 5276,835 533,205 1803111 170-10 5276,835 533,205	6 0 0.00509829 0 0 0.00509829 0 0 0.00509829	77.1836288 0.002862000 77.1836288 0.002862000 77.1836288 0.002862000	121 992166 0.00260200 0.121 992166 0.00260200 0.121 992166 0.00260200	121,990066 121,990066 121,990066	0.00109825 77.1898259 0.00109825 77.1898259 0.00109825 77.1898259	1,13 1,13 1,13	7X 1.0 7X 1.0 7X 1.0	\$121,690 \$6,170 \$121,690 \$6,170 \$121,690 \$6,170	\$17.00 \$1.700 \$1.700 \$1.700 \$1.700	\$11,450 \$20, \$11,450 \$20, \$11,450 \$20,	33,820 S1, 100 S3,820 S1, 100 S3,820 S1,	517,640 631 517,640 631 517,640	\$28,140 \$28,140 \$28,140	\$14,375 \$7,286 \$14,375 \$7,286 \$14,375 \$7,286	\$14,570 \$14,570 \$14,570	2,900 \$3,424 2,900 \$3,424 2,900 \$3,424	\$18,7% \$18,7% \$18,7%	N St St	52,10 56 52,10 56 52,10	\$1,175 \$1,175 \$1,175	\$1,17 \$30,45 \$1,17 \$30,45 \$1,17 \$30,45	\$11,00 \$11,00 \$11,00
100 1 100 1	0 0 0.0000925 0 0 0.0000925	77.1838238 0.002802000 0 0 0	171 992168 2 00360200	121.990546	0.001098254 77.1998259 6 6	1 133 0 1,76 0 1,76	7X 1.0 7X 1.0 7X 1.0	\$121,60 \$4,17 \$0 \$0 \$0 \$0	\$1,700 \$12,800 \$0 \$0 \$0	\$11,650 \$20) \$11,650 \$20) \$0	51,829 51, 50 50 50 50 50	401 517,640 50 50 50 50	\$29,140 \$4 \$4	\$34,377 \$7,386 50 \$0 50 \$0	\$14,379 \$0 \$0	2,600 \$3,424 50 \$0 60 60	\$18,750 \$10,750 \$0	50 50	52,500 54 52,500 50 50 50 60	\$1,177 50 50	\$1,171 \$30,45 50 \$0 50 \$0	\$11,00 \$11,00
		0 0 0 0 0 0,17944490	18.878 117444	0 0 180, 857539	0 0	0 8,76 0 8,76 0 8,76	TX 1.0 TX 1.0 TX 1.0		50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	50 St 50 St	96 96	50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	50 50 50	50 50 50	9 50 9 50 9 50	50 50 50	50 S	
904111 99-1 \$2,100,80 \$274,80 904111 107-2 \$324,43 \$50,100 904111 107-1 \$80,23 \$44,40	10 20 0.0041333 0 0 0.01133330 0 0 0.01133330 0 0 0.01133330	764.299120 0.19029860 0.10029860 0.002706439 28.0048392 0.002706439	0 480.80110 0.18711146 0 40.898300 0.02730439 0 28.438200 0.02730439	586.50856 8 80.898360 28.638360	0.00141100 764.799120 0.00141100 00.7411880 0.00141140 28.014448	20 8,76 8,76	TX 5.0 TX 5.0 TX 5.0	\$100,830 \$47,840 \$80,88 \$4,311 \$41,380 \$1.0*	\$28,600 \$54,800 \$2,670 \$6,230 \$1,230 \$6,110	\$190,000 \$156, \$7,772 \$110, \$1,000 \$4	015 500,000 511, 001 51,000 5	173 5181,240 973 511,762 686 51,744	\$228,450 \$19,680 \$6.721	\$111,725 \$19,863 \$9,715 \$4,818 \$4,816 \$1,416	\$111,721 S \$0,715 S \$4,816	2,50 541,50 1,90 58,60 5973 51.87	\$18,825 \$18,825 \$18,825	513 51 52 5 54 4	523,900 55 \$3,200 50 \$4,200	\$12,2 % \$440 \$100	\$13,285 \$21,28 \$660 \$21,28 \$32 \$11 \$11 \$1	\$ \$84,81 5 \$7,87 46 \$1,00
9061111 109-3 980,212 541,607 9061111 (79-5 5274,635 537,435 9061111 (79-2 5081,07) 588,225	0 0 0.00140770 0 0 0.00218706 0 0 0.00387970	28.058180	18.8094482 0.0238300 6 88.5122807 0.0956200 6 198.82804 0.0736201	19.5856002 88.5122907 119.829006	0.00191770 18.6792960 0.00219766 86.961128 0.00689929 187.658152	8,76 8,76 1 8,76	7X 5.0 7X 5.0 7X 5.0	\$41,160 \$3,000 \$121,600 \$4,17 \$221,813 \$10,240	\$1,780 \$4,317 \$1,700 \$12,800 \$4,270 \$30,000	\$1,880 \$4, \$11,688 \$20, \$29,680 \$84	51,60 5 10 51,80 5 10 51,70 51	68 \$3,88 65 \$17,66 42 \$29,60	\$9,721 \$29,56 \$48,370	\$4,838 \$2,439 \$34,379 \$7,280 \$34,280 \$12,164	\$4,830 \$14,570 \$34,200	5972 \$3,809 2,900 \$3,420 4,830 \$9,000	\$18,825 \$18,825 \$18,825	52 1 54 51 57 51	5676 56576 5667 56775 720 56 827	\$340 \$1,414 \$2,210	\$163 \$21,23 \$1,456 \$21,24 \$2,250 \$21.36	\$1,400 \$11,000 \$18,441
00(11) 00+1 516,62 51,110 00(11) 00+1 516,62 50,70 00(11) 00+1 516,62 51,00	0 0 0.091365 0 0 0.0996936 0 0 0.00747138	48.5432708 0.07950754 88.533880 0.08139929 48.0042409 0.079534240	64 84 2299887 G 07980796 84 903328 G 08129929 64 82 704 7990 G 07943 836	66.2299687 88.9121218 6 68.7067991	0.0390361 48.5482708 0.03940736 58.508880 0.03747138 48.0382449	2 8,76 2 8,76 2 8,76	TX 5.0 TX 5.0 TX 5.0	\$80,815 \$4,11 \$80,815 \$4,11 \$80,815 \$4,11	\$2,475 \$8,216 \$2,476 \$8,216 \$2,475 \$8,216	\$7,772 \$13,0 \$7,772 \$13,0 \$7,772 \$13,0	101 51,88 5 101 51,88 5 101 51,88 5	973 \$11,76 973 \$11,76 973 \$11,76	\$19,616 \$19,616 \$19,616	\$9,715 \$4,816 \$9,715 \$4,816 \$9,715 \$4,816	\$9,733 \$9,733 \$9,733	1,90 \$3,60 1,90 \$3,60 1,90 \$3,60	\$18,829 \$18,829 \$18,829	12 13 12 13 12 13	28 51,862 28 51,160 23 51,800	\$.796 \$.717 \$.700	\$79 \$31,34 \$71 \$31,34 \$76 \$31,34	\$7,87 \$7,87 \$7,87
001111 000+1 5384,63 530,645 001111 000+1 5384,63 511,90 001111 000+1 5384,63 511,90	6 0 0.0034790 0 0 0.0034390 0 0 0.00347903	35.351642 0.0627434 46.7746829 0.12518200 46.146571 0.063874341	31.909-03-03	85.90915454 67.5123611 66.87727914	0.0034780 85.95360 0.0034780 66.7788929 0.00347800 68.1469573	2 8,76 2 8,76 2 8,76	7X 1.0 7X 1.0 7X 1.0	\$80,81 \$4,51 \$80,81 \$4,51 \$80,81 \$4,51	12,476 SE,216 52,476 SE,216 52,476 SE,216	\$7,772 \$110 \$7,772 \$110 \$7,772 \$110	101 51,880 5 101 51,880 5 101 51,880 5	97.5 \$11,76 97.5 \$11,76 97.5 \$11,76	\$19,610 \$19,610 \$19,610	\$8,715 \$4,838 \$9,715 \$4,838 \$9,715 \$4,838	\$9,735 \$9,735 \$9,735	2,961 \$3,604 2,961 \$3,604 2,961 \$3,604	\$ 19,825 \$ 19,825 \$ 18,825	\$8 \$1 \$12 \$1 \$8 \$1	794 \$1,304 963 \$1,465 510 \$1,465	\$479 \$917 \$417	\$455 \$31,34 \$90 \$31,34 \$81 \$31,34	\$7,87 \$7,87 \$7,87
901111 00+1 51242 51240 101111 00+1 51242 51240 101111 00+1 51242 51240	0 0 0.0000000 0 0.0000010 0 0 0.0000000	43.8317802 4.017718290 43.8317802 4.011741349 13.4002189 4.079807349	0 44 174800 0 01721430 2 44 174800 0 0172430 2 1 902900 0 0790070	\$4.000.000 06.176860 07.000.000	0.00183136 01.838730 0.00183136 01.8387300 0.0380380 81.4000186	2 8,70 2 8,70 2 8,70	7X 1.0 7X 1.0	\$80,810 \$6,311 \$80,810 \$6,311	5247 5235 5247 5235 5247 56235	\$1,772 \$110 \$1,772 \$110	10 11.00 1 10 11.00 1	973 \$11,763 973 \$11,763 973 \$11,763	509,610 509,610 509,610	\$0,710 \$4,810 \$0,710 \$4,810 \$0,710 \$4,810	98,710 98,710 98,710	3,900 \$3,600 1,900 \$3,600 1,900 \$3,600	\$18,809 \$18,809 \$18,809	51 51 51 1 52 51	31,660 31,460 28 51,323	3365 5366 5666	\$71,21 \$751 \$602 \$602 \$603	\$7,87 \$7,87 40 \$7.87
901111 ANY-1 50 50 901111 ANY-2 50 50 901111 ANY-2 50 50	0 0 0 0 0 0 0	0.00007000 0.001000000 0.000000000 0.0000000000	6 671 081012 0.0114891 6 671 081012 0.0114891 6 671 0810120 0.0148131	877.002129 877.002129 697.002129 836.5617***	0 0 0 0 0	0 8,76 0 8,76 0 8,76	7X 5.0 7X 5.0 7X 5.0	50 S S	50 50 50 50 50 50	50 50 50 50	50 50 50 50 50 50 50 50	50 50 50 50 50 50	527,630 56 56 56	50 50 50 50 50 50	96,710 SC SC SC	50 50 50 50 50 50	\$18,809 \$0 \$0 \$0	50 50 50	95 50 9 50 9 50	3447 50 50 50	50 50 50 5 50 5 50 5	1
994111 AW-4 50 50 994111 AW-4 50 50 994111 AW-4 50 50		0 0.18501879 0 0.2503869 0 0.018600	656.809168 0.1931879 6 450.848569 0.2003166 9 450.809821 0.0118680	6 838.609148 4 83.809148 4 83.809068	0 0	0 8,76 0 8,76 0 8,76 0 8,76	TX 1.0 TX 1.0 TX 1.0	9 9 9 9	50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	50 50 50 50 50 50	96 96	50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	50 50 50	\$0 \$0 \$0	50 50 50 50 50 50	50 50 50	N 5	
1001113 WH-7 SS	0 0 0	0 0.07088177 0 0.078839331 0 0.0886090	0 431.378082 4.0708817 0 471.684788 4.07982832 4.437.95994 0.0864639	618.579030 678.686796 6 637.95996	0 0 0 0	0 8,76 0 8,76 0 8,76	TX 5.0 TX 5.0 TX 5.0	50 S	50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	\$0 \$0 \$0 \$0 \$0 \$0	92 92 92	50 50 50 50 50 50	50 50 50	50 50 50 50 50 50	50 50 50	\$0 \$0 \$0	92 50 92 50 92 50	50 50 50	50 5 50 5 50 5	
		124.506287 0.01758851	127-013699 0-2179893	127.6516390	0.00858899 124.506287	4 8,79	TX 5.0	\$164,666 \$8,285	\$4,840 \$34,466	\$13,546 \$27,	10 \$2,773 \$5,	90 523,521	538,863	329,480 59,735	\$19,486	1,886 \$7,283	518,80%	50 I	N4 50.89	\$1,970	\$3,800 \$21,28	\$14,79

9061311	1.00		\$2,679,879	\$232,820	0 0	0.0096669	121.12909	0.00998180 129-081300	0.0098180	329.0812063	0.00906690	518.923093	28	8,790 TI		\$421 S65X,650 SX2	(83) \$29,760	\$61,80	\$62,175	\$108,820	\$12,001	\$2,773	594,090	\$133,661	\$77,722	\$38,882	\$77,720	\$13,300	528,821	\$18,805	- 1	2 55	\$16,03	\$8,061	\$8,001	521,210
0793311	81000		5279,650	556,590	3 0	0.06693330	66.7990238	0.100364962 72.06687958		70.06617955		66.79962382	31	3,760 11		5.07 5121,09 56	171 S1,70b	512,85	\$11,656	520,603	55,825	53,457	537,661	529,10	\$34,379	57,280	\$14,979	52,905	55,624	515,505	51	3 5.09	12,00	51,363	\$5,261	531,309
0793311	11002		\$279,650	\$34,397	3 0	0.066903306	66.7990238	0.100966962 72.06687958	0.14096496	70.06617950	0.066911060	66.79962382		8,790 TI		5.03 5123,09 54	17th \$1,70b	\$12,85	\$11,650	\$20,603	55,825	\$2,457	\$17,60	\$29,10	\$34,379	57,280	\$14,970	\$2,900	\$5,620	\$18,805	51	599	\$2,08	\$1,383	\$0,261	521,300
														8,760 17																						
1907111	172		50	50	0 30					0	0			8,760 17		5.9 50	\$0 50	9	50	50	50	30	50	80	50	50	50	50	50	55	- 5	0 9		50	50	50
780F111	11 013		50	50	0 0					0	0			8,790 17		5.9 50	\$0 50	9	50	50	50	30	50	80	50	50	50	50	50	55	- 5	0 9		50	50	50
7907111		25 Jedan	50	50	0 0					0	0			8,760 17		5.9 50	\$0 50	9	50	50	50	30	50	80	50	50	50	50	50	55	- 5	0 9		50	50	50
7907111	89-1-1	8048,0048	50	50	0 0					0	0			8,790 17		5.9 50	\$0 50	9	50	50	50	30	50	80	50	50	50	50	50	55	- 5	0 9		50	50	50
7807111	F91-2		50	100						0				3.790 U		3.0	50	9	92	82	50	50	50	82	50	50	50	50	50	9		9		50	50	50
7807111	179.36	72	50	100				0.06194179 119.168961	0.063941793	115.168861			0	8.790 U		3.0	50	9	92	82	50	50	50	82	50	50	50	50	50	9	- 1	9	1	50	50	50
7997322	DOM	пс снафанг	50	10						0		-		8.000 U		3.7	50 50	- 1	50	50	50	50	50	92	50	50	50	50	50	50	-	9	-	50	50	100
7997322	173.12	VA.	5276.630	133,313	0 0	0.00096390	78.1041088	0.020078262 87.23067764	0.02007836	89,23562901	0.008983900	78.8363086		3.400 U		3.7 5123.09 56	377 53.705	512.85	511.695	520403	55.829	52.657	537.661	529.10	536,379	57.280	\$16,575	\$2,900	55.624	518.503	- 1	2 55	52.79	51.393	55.885	520.360
7997322	Charge	er raom 17 fan	5386.633	3.03.693	0 0	0.01090300	23.9031208	0.122868966 63.33078324	0.12286896	\$3.33278324	0.05390866	33.9093256	- 1	3.400 U		3.7 582.852 50	32.470	58.25	57.777	513.603	11.50	5973	511.762	129,510	59,733	54,838	59,711	51,90	\$3,600	518,503	12	5 532	55.89	1336	5850	520.874
79977322	AGE:	attend feder space	50	10	0 0			0.994892062 67.9023622	0.99689206	\$7,90038119		-		3.400 U		3.7 50	50 50	9	50	50	50	50	50	92	50	50	50	50	50	50	- 1	5	1	50	50	50
CIME	GD.		50	50	3 0			6 0		0			0	6,200 W		6.20 50	50 50	- 1	50	50	50	50	50	94	50	50	50	50	50	50	- 5	0 5		50	50	50
7953601		wider Mack	50	50	3 0			0.104017901	0.819317901				0	3,660 V		6.29 50	\$6 50	- 1	50	50	50	50	50	94	50	50	50	50	50	50	- 3	0 5		50	50	50
7953601	Struct S	skitt veddurc	50	50	3 0			0.516017901 2.81818188	0.819317901	2.53533333			0	3,660 V		6.29 50	\$6 50	- 1	50	50	50	50	50	94	50	50	50	50	50	50	- 1	0 5		50	50	50
1799.9601	Octo	H SEACK H	5333,263	379,610	0 0	0.12287839	170.000806	0.39123900 318.178722		242.0048808	0.120873390	170.666936		3,640 W	١.	6.20 5206,993 533	,850 57,630	\$34,70	523,120	540,800	\$11,650	\$2,901	533,283	558,295	529,100	534,379	529,100	55,829	510,80	\$15,000	52	972	58,10	58,612	53,602	530,666
1799.9601	OHEM		5279,650	592,787	0 6	2.80809168	99.5095505	3.628833090 99.7706772		99.7706772		99.34993.03	31	3,660 W		6.20 512 1,09 54	171 S1,70b	512,85	\$11,656	520,603	55,825	53,457	537,661	529,140	\$34,379	57,280	\$14,979	52,905	55,624	\$15,000	512	500,31	\$1,80	522,155	\$50,391	\$21,520
1799.9601	SLDGG	MODES_6	5829,900	399,680	0 0	0.09941127	276.281675	0.186879307 276.508968	0.189879301	279.328906	0.093611277	276.281676		3,600 V		6.20 \$870,09 \$38	A21 \$11,115	\$17,00	\$34,971	561,200	\$17,481	54,873	552,821	587,483	548,710	521,839	548,710	58,700	516,271	\$15,000	51	350	522,35	53,333	\$5,351	530,660
	V9-61		50	50	1 0			6 0		0				3,790 W		6.20 50	\$6 50	9	50	50	50	50	50	94	50	50	50	50	50	50		0 5		50	50	50
NHSKNIDS.	V9-11		50	100	2 0					0			0	8.792 VI		5.20 50	50	9	92	82	50	50	50	82	50	50	50	50	50	9		9		50	50	50
ALCON:	18		50	10						0		-		8.792 W	v ·	5.27 52	50 50	- 1	50	50	50	50	50	92	50	50	50	50	50	50	- 1	9		50	50	100
THEORNE	20-02		5829.900	199.333	10 30	0.09962690	291 868080		0.081238669	26.1793365	0.099935999	291,868000	-	8.790 M		3.89 5870.69 528	327 511.115	517.00	534.97	560.200	\$17.683	56.873	532.829	587.65	568,710	521.839	568,739	58.700	516.271	518.805	12	2 158	\$1040	\$3,393	53.355	521.236
STERRESONA	K 59-02		50	50	0 0			6 0		0				3,790 M		5.89 50	\$6 50	9	50	50	50	50	50	94	50	50	50	50	50	50		0 5		50	50	50
MDAZ	CATOR	3	50	50	3 0			6 0		0				3,790 A		6.07	\$6 50	- 1	50	50	50	50	50	94	50	50	50	50	50	50		0 5		50	50	50
MDAZ	CATOR	2	50	50	3 0			6 0		0				3,790 A		6.07	\$6 50	- 1	50	50	50	50	50	94	50	50	50	50	50	50		0 5		50	50	50
MDAZ	261		50	50	0 0			6 0		0				3,790 A		6.07	\$6 50	- 1	50	50	50	50	50	94	50	50	50	50	50	50		0 5		50	50	50
SDAZ	282		50	50	0 0					0				3,790 5		6.07 50	\$0 50	9	50	50	50	30	50	80	50	50	50	50	50	55	- 5	0 9		50	50	50
SDAZ	280A		50	50	0 0					0				3,790 A		6.07 50	\$0 50	9	50	50	50	30	50	80	50	50	50	50	50	55	- 5	0 9		50	50	50
BOAZ	2608		50		0 0					0			0	3,790 5		6.07 50	\$0 50	9	50	50	50	30	50	80	50	50	50	50	50	55	- 5	0 9		50	50	50
BOAZ	2080		50	50	0 0					0				3,790 5		6.07 50	\$0 50	9	50	50	50	30	50	80	50	50	50	50	50	55	- 5	0 9		50	50	50
SDAZ	9609		50	50	0 0					0			0	3,790 5		6.07 50	\$0 50	9	50	50	50	30	50	80	50	50	50	50	50	55	- 5	0 9		50	50	50

Non-stack 658 com.			uro to ReadMe worksheet)																																	
	Cox		Option 1 (user input)		Option 2 (user input)		Option 3 (user input)							Cost colculations																						
	Gas/colid	Gas/colid	No. of additional	Flow rate to	No. of additional	Flow rate to	No. of additional	Flow rate to		No. of additional	Flow rate to Annual		Average electricity	Gas/colid reactor	Gast/solid reactor	Gas/solid reactor	Gas/solid reactor capital	Gas/solid reactor capital	Gas/solid reactor	Gat/solid reactor	Gas/cold reacto	or Gas/solid reactor	Gat/selid macter	Gas/solid reactor	Gac/solid reactor capital	Gas/colid reactor	Gas/colid reactor	Gas(solid reactor	Gan/solid reactor annual	Gas/salid reactor	Gas/solid reactor	Gas/colid reactor	Gost/solid reactor	Gas/colid reactor Gas/soli	.mactor annual	Gas/solid reactor annual OBM
Facility 10	wacter capital	reactor annual	sorbest media change	inetall controls	sorbert media change	install controls	sorbent media change outs per year, option it	install controls	required to be	sarbest media i chance outs per year	setal controls operating for Ichi hours	State	Average electricity price (cents/kWh)	capital cost, equipment	capital cost, freight (20095)	capital cost, sales	cost, instrumentation	cost, foundations and support (20095)	capital cost, handling	capital cost,	capital cost,	capital cost, initial	capital cost,	capital cost,	cost, construction and	capital cost, contractor fees (20095)	capital cost,	capital cost,	ORM cost, operating labor (2009)	annual OSM cost,	annual OSM cost, new corbert (2009)	annual D&M cost,	annual OSM cost, taxes (2016)	freight (20195) over	A cost, labor	cost, property tax, incurance, and administration (20095)
		512 A72	ewix per year, option 1	for, option 1 (cfc)	outs per year, option 2	for, option 2 (cfc)	0.003441326	for, option I (clt)	and alled	Change outs per year		90 A7		equipment Cat 166	hreight (20035)	tax (2009)	(2009)	oupport (ZCESS)	and evection (2019)	1 AMAZONIA (2018)) media ted (2018)			Tenz expenses (2009)	1004 (2009))	etaroup (20039)	WOULD (2018))	1980/ (2009) I	mamberance (2019)	new corbert (2005)	etectricity (21195)	(20185)	Trengtic (2018)	AME (2003)	and administration (2009)
MCROVENTION	593,311	31,472					0.003441374	7.2045218	1	0.003841476		(2) CA	6.07	541,144	32,058	31,72	5C11	\$1,000	34,8	31,34	30	37,33	58,715	34,858	\$2,421	50,64	390	31,808	34786	- 2	33	56	311	529	35,061	31,48
CO.	- 60	90		,					- 1	- 1		DE CA	16.37	- 2	- 20										-			N 90					4	50	- 2	
CAST CO	51 106 534	5156.121	0.07916320	192.658793	A 97C46063	297.5002717	A1/6/493934	- 10	- 1	0.005499901		96 CA	94.11	5413,993	534 330	544.65	141.00	944	581.60	513.33	65.0	50 CM C	5116.592	556 191	579.50	558.290	511.65	521.697	519.805		45	585.00	51747	517.630	521.251	544.361
AAAR/A		5222.160	0.00516536	507,1807790	0.00019534	907.2807793		- 12	- 2	0.0077003611		OD CA	92.7	5987.986		179.64	500,000	592.164	5160 11	15 546.63		50 5141.14		5116.582		5116.583			515,425	- 20	- 1	2 555.58		637.613	516.970	599 579
15212211	60	90										28 CA	14.22	60	95	- 6				(r) 6		99 5	e 60	50		60		50	50						- 50	
ACSCA	50	50									9 7.0	900 CA	16.27	50	50		- 5	- 5		6 5		50 5	6 50	50	- 5	50	-	60 50	50	- 9	- 1		4 9	50	- 10	- 50
186811	50	50							0 0			00 CA	14.27	50	50	9	50	50		10 9		50 5	6 50	50	50	50		10 50	50	50		9	0 9	50	50	50
30042411	50	50		0					0 0	6		00 CO		50	50	9	50	50	1	6 9		50 5	6 50	\$0	90	50		i0 50	50	54	9	5	.0 50	50	50	50
8832911	\$737,689	\$95,995	0.09006379	122.5191731	0.113609139	266.1918516	0.119609129	29		0.113609138	266.1918516 8,7		7.48	\$329,329	\$16,066	\$9,88	\$82,980	\$31,089	\$54,40	25 \$15,54	\$3,80	547,00	\$77,722	\$19,861	\$19,490	\$18,860	\$7,77	314,664	519,805	521	566	\$12,28	56,476	56,676	\$21,259	\$29,509
12847611	50	50		0	-				0 0		0 6	(C)	7.48	50	50	9	90	50		10 9		50 \$	6 50	\$0	90	50	5	50	50	\$4	9	9	.0 97	50	50	SO
2707711	\$5,598,745				-	0	0.002160213	42	10			20 CT	13.00	\$535,159	\$26,758	\$16,09	\$53,510	\$50,501	588,40	18 525,24	\$6,80	156 576,45	1 \$136,298	\$ 563,149	\$31,571	\$60,549	\$12,63	523,505	\$18,776	94	51	\$33,33	\$ \$16,674	\$16,670	\$20,656	\$47,660
18809411	\$829,901	\$87,941	0.01181060	181.1409994	0.040142554	274.0796917	0.040142554	23	6 9	0.040642558		166 FL	7.15	\$270,485	\$18,525	\$11,11	\$37,041	\$34,925	\$61,31	517,48	\$4,80	72 \$52,92	tk \$87,437	\$43,718	\$21,891	\$43,718	\$8,74	\$16,272	\$16,188	SI SI	523	\$10,18	4 55,185	\$5,186	\$17,811	\$33,596
HORTMYSKS	50	50		7 400000000			-		0 0			13 000	7.15	50	50	9		9		6 9		50 5	6 50	50 54 959	- 9	50	5	60 50	\$0 \$19,00		9	9	3 50	50	54	50
12775411		\$48,668 \$93,764		7.400883099	0.307876772	7.814156627	0.307876772	_	1	0.307876772		960 FL	7.15	\$41,166 \$229,229		\$1,23	\$4,51	\$3,886	\$6,80		\$41	55,88			\$2,421		590	12 \$1,808		\$51	\$1,81	Sie	\$1,080		\$21,298	53,689
ACSTEMPLETERANCE	\$737,689	\$92,764	0.03608362	40	0.026089621	40	0.034174566	22	* *	0.034174569		25 R.	7.15	\$129,329	\$16,066	59,88	\$12,830	\$31,089	\$54,40	315,54	\$ 53,85	\$47,00	17 \$77,722	\$18,861	\$11,400	\$18,860	\$7,72	2 \$14,664	\$16,583	- 9	\$20	\$ \$9,00	\$4,605	\$4,605	\$18,249	\$29,508
ACSTRAMPLETERANCE	50	30		0.05400		0.06+00		0.0540				100 FL 160 GA	7.15	90	50		- 9			9		99 3	6 50	30	- 9	50	_	10 30	30		,		4 - 9	50	- 36	36
3544011	90	90		0.04+00		0.0+93.0	-	0.01-401		- 5		100 GA	\$.77	90	30	- 2		y.		9		99 3	50 50	30	- 2	90	-	30	30	- 2			4	90	- 35	
9155611	5979 977	588,776	A 11577500	120	0.172224	199	0.177774	297,816794	1	0.172224		92 MA		5120.485	516575	51111	97.6	63467	661.1	517.49	44.0	72 552.92	9 907 437	543.738	521.60	543.718	58.76	516-272	511.001	- 6	51.00	515.18	13 58.502	59.107	512.137	50110
6573011		571,256	0.0975862	151	0.089798621	151	7/155449570	12		# #CCM#600		90 MD	7.61	5452.827		\$13.50	545 365	542.747	534.91	511.32	95.30	564.69			\$36.21	953,430			57911	\$11	533	56.69			59.714	540 570
2572555	- 64	50				- 6	-	-			4 15	OT MAN	743	60	- 45		-		-	6 6	-	64 6	4 64	56	-	4		66				- 6	4 6	69	- 66	- 4
EISMEDTRONICFRIDLEY	61	50		,		- 6						ST MM	763	6	66	- 6				te 6		6	66	50				55	61					60	50	- 46
ACSMO	50	50									9 87	90 MO	6.80	20	30		- 5	- 6		6 5		50 5	6 50	50	- 5	50	-	60 50	50	- 9	- 1		4 9	50	- 10	- 50
ANSCI	50	50		0					6 6	6		90 NC	6.33	50	50	9	50	50	1	6 9		50 5	6 50	\$0	90	50		0 50	50	54	9	5	.0 50	50	50	50
PAC	50	50		0	-				0 0		0 7,0	100 000	13.11	50	50	9	90	50		10 9		50 \$	6 50	\$0	90	50	5	10 50	50	\$4	9	9	.0 97	50	50	SO
P\$18611		\$66,294			-	0	0.028608979	2%	9	0.029608879		56 NJ	20.00	\$270,485	\$18,525	\$11,11	\$37,04	\$34,971	561,31	517,48	54,8	72 \$52,92		\$41,718	\$21,891	\$43,718	\$9,74	\$16,272	58;276	\$1	\$56	\$7,72	53,952	\$3,952	\$9,110	533,296
7643011	\$4,794,881				0.013643684	1732	0.013643694	172	52			180 NJ	10.00	\$2,100,637	\$107,092	\$64,21	\$214,06	\$202,004	\$353,61	\$305,08	\$ \$25,20	60 \$305,80	\$505,190	\$352,595	\$136,260	\$252,596	\$50,50	9 594,019	\$4,584	51	59	\$25,39		\$12,722	\$5,045	\$291,799
4549911	\$368,845	\$39,749		0		0	0.002931034	13	4	0.002935036	116-2807858 4,5	90 W	5.60	\$164,664	\$8,233	54,94	\$16,460	\$25,544	\$27,30	\$3,27	\$1,9	63 523,52	\$38,860	\$19,490	\$8,711	\$19,490	\$3,88	6 57,232	\$9,917	- 51	\$1	\$2,06	\$1,042	\$1,007	\$10,909	\$14,754
-a	5460,014	334,945					0.021976553	19	3	0.022976552	10(32)(25) 2,8	00 NY	5.55	5225,881	\$10,797	59,17	372,38	519,480	\$44,00	16 59,71	32,4	29 524,40	348,576	324,288	312,140	324,288	34,85	34,040	38,171		322	\$ 31,64	2860	3883	34,792	318,662
ACSOH	\$829,901	\$48,275	0.01239326	272	0.01238924	272	0.013371329	29.		0.013371329		10 OK	6.16	\$170,485	\$18,525	\$11,11	\$17,04	\$34,925	\$61,30	517,48	\$4,8	72 552,92	\$87,432	\$62,718	\$21,89	\$63,718	58,74	\$16,272	\$4,586	- 5	\$3	\$2,64	\$1,362	\$1,362	\$5,065	533,296
1047511	5401 MG	50	8,839313434		0.0222240		0.02222400			0.02223409		174 OK	4.40	5305 931	30	96 17	- 5	, y	534.00	S		90 3 30 530 AT	90 548 536	30	917.56	50	51.05	10 30	519.305			5544	4	50	501 340	36
18697611	5276.600		0.027.71349	186	0.03732409	144	0.00212406	16	1	0.02232409		96 PA	6.36	5225,881 5123,488	310,797	96,17	330,58	559,680	544,00	39,72	32,4	29 529,40	568,576	524,788	312,560	334,286	54,85	39,060	319,805	- 2	518	33,44	32,789	52,799	521,340	318,463
G927211	51,198,745		A 20040000	174	0.21549597	400	0.01140418	- 43		0.315495971	400.6968610 8.4	000 PR	5.0	9025,100	516,756	51676	502,510	560.510	500,41	515.34	22.5	500.40	5136,799	562.16	511.511	563.149	517.63	122.00	516511	- 4	51.65	516.13	4 47	59 997	500.600	547.954
13633611	60	90										100 PR	66	50	98				-	(r) 6		99 5	e 60	50			5	50	50				-		- 50	46
18936511	50	50										200 99.	6.60	50	50		- 5	- 5		6 5		50 5	6 50	50	- 5	50	-	60 50	56	- 9	- 1		4 9	50	- 10	- 50
CUSTOMED	\$194.477	522.160	0.00111609		803111608		0.041393909			7.541793909	61 22846404 3 3	55 99	66	582 222	54117	9.0	58.73	\$2.72	513.67	53.99	500	20 511 76	519 430	59.715	64.95	69 715	51.64	9 53.616	56,565		634	579	951	9517	56.635	47 277
MPROCIUNCOS	50	50							6	2	9 87	200 998	6.60	50	30	9	50	50		6 5		50 5	6 50	10	50	50	3	60 50	561	- 9			4 9	50	- 30	56
15515811	5184,423			0	0.2640316821	47	0.264074829		2	0.264074825		100 PR	6.60	582,832	\$4,117	52,47	58,210	\$7,772	513,60	11 53,69	590	72 511,76	2 513,430	\$9,715	54,851	\$9,715	51,90	13 53,616	518,512	546	51,55	51,86	2 50,70	\$1,700	\$20,417	\$7,827
MPROCVILLALBA	\$\$\$3,263	\$65,224	0.02623629	168	0.026236286	168	0.036779666	19	6	0.026779668	199.2527676 6,5	90 PR	6.60	\$246,997	\$12,350	\$7,41	\$34,700	\$23,356	\$40,80	311,69	\$2,90	55 535,28	\$58,295	\$29,146	\$14,577	\$29,546	\$5,82	\$10,848	\$14,501	91	\$15	\$6,19	\$ 53,55	\$3,150	\$15,666	\$22,131
9047611	50	50							6 6	¢		100 SD		50	50	9	9	50	- 1	10 9		50 5	6 50	\$6	90	50	5	50	50	94	9	9	4 9	50	56	54
8082511	\$7,830,563	\$545,821	_		0.055266831	2842	0.055266831	296	2 86	0.055266831	2842.154056 8,7	NT 096	5.33	\$3,500,295	\$177,014	\$106,20	\$354,021	\$334,201	\$584,81	\$5 \$567,50	\$41,70	75 \$505,75	\$835,507	\$417,754	\$208,877	\$417,250	\$83,55	\$255,493	\$19,305	\$30	\$32	\$83,45	516,887	\$46,880	\$21,247	\$317,206
CVMN	50	50			-		•		0 0	0	0 62	NA GE	6.29	90	32	9	9	\$4	,	6 9		90 \$	6 50	\$0	94	50	5	60 50	92	94	9	9	4 50	50	50	. 50
17959611	\$2,305,276	\$211,767	1.26009221	132	1.418300762	855	1.418304762	812	5 25	1.419904762		460 VA	6.29	\$1,029,158	\$51,458	\$30,87	\$500,81	\$97,152	\$170,00	568,57	\$12,10	\$147,00	2 5242,880	\$121,440	\$60,700	\$121,440	\$34,29	S45,202	\$19,060	\$261	\$8,34	9 531,19	A \$19,751	\$19,751	\$21,235	592,211
CAMBUSCO	50	50					_		0 0	¢		NO VA	6.29	50	50		- 4	50		6 9		50 5	6 50	50	- 50	50		50	50	- 50		9	4 9	50	50	50
NAMA	50	50							0 0		0 7,0	OD CH	6.16	50	50	9		90		141 9		90 5	61 50	\$6	- 9	50	1 5	60 50	50	- 4		9	4 9	90	54	50

Facility ID	Cycle revalidation cost	No. of cycles	EtO use (tpy)
1073211	\$30,000	1	205
ACSAZ	\$30,000	1	1.5
STRYKER	\$60,000	2	4.3
MICROVENTION LSO	\$90,000 \$60,000	3	5.5E-03 2.2E-02
PARTER	\$90,000	3	5.5
AMRCA	\$60,000	2	5.3
EISSTERIGENICSLA	\$630,000	21	121
15717311	\$30,000	1	0.28
EISSTERIGENICSONTARIO	\$150,000	5	429
ACSCA	\$30,000	1	2.5
JAXCA 7125211	\$60,000 \$270,000	2	3.6E-02 209
7125311 186811	\$90,000	3	1.0
EISSTERISTEMECULA	\$240,000	8	81
3868611	\$30,000	1	0E+00
20042411	\$30,000	1	6E-01
3832911	\$210,000	7	103
12847611	\$30,000	1	2.2E-02
2707711	\$240,000	8	8.0
18809411	\$390,000	13	25
FORTMYERS	\$30,000	1	0.86
12775411 4359211	\$240,000 \$150,000	8 5	50 6.7
ACSTEMPLETERRACE	\$30,000	1	0.82
3699811	\$330,000	11	146
4315911	\$270,000	9	52
2534011	\$30,000	1	15
2686511	\$360,000	12	163
17953911	\$360,000	12	139
ACSIA	\$30,000	1	1.4
8140511	\$90,000	3	229
4553311	\$150,000	5	30
8142611	\$630,000	21	113
8155611	\$210,000	7	23
FUCHS 17953511	\$30,000 \$30,000	1	11 25
5997411	\$30,000	1	20
6572011	\$30,000	1	8.4
7172111	\$120,000	4	0.48
6449011	\$600,000	20	73
EISMEDTRONICFRIDLEY	\$30,000	1	0.14
7703311	\$570,000	19	251
ACSMO	\$30,000	1	1.8
7746311	\$300,000	10	361
ANSCI	\$30,000	1	4.8E-02
16431311	\$30,000	1	0.10
JPAC 7518611	\$60,000 \$210,000	7	10
7647011	\$30,000	1	22
6721211	\$420,000	14	90
7582111	\$180,000	6	545
5148911	\$30,000	1	3.8
LIS	\$30,000	1	10
8409411	\$630,000	21	189
ACSOH	\$30,000	1	2.0
1047511	\$150,000	5	14
14657611	\$180,000	6	60
3765611	\$210,000 \$30,000	7	31 0.43
ACSPA 6982311	\$120,000	4	44
17622611	\$60,000	2	1.8
18934511	\$30,000	1	1.7
CUSTOMED	\$150,000	5	4.3
MPROCJUNCOS	\$30,000	1	0.46
15515811	\$60,000	2	44
MPROCVILLALBA	\$60,000	2	1.9
6560811	\$60,000	2	97
6640211	\$210,000	7	92
2845011	\$210,000	7	73
3082511	\$180,000	6	133
STERITEC	\$90,000	3 1	54 4.1E-03
	\$30,000	21	4.1E-03 446
DYNATEC			
DYNATEC 3049411	\$630,000	4	239
DYNATEC 3049411 6888911	\$630,000 \$120,000		
DYNATEC 3049411 6888911 9132811	\$630,000 \$120,000 \$210,000	4	299
DYNATEC 3049411 6888911 9132811 9061511	\$630,000 \$120,000	4 7	299 630
DYNATEC 3049411 6888911 9132811 9061511 6755311	\$630,000 \$120,000 \$210,000 \$120,000	4 7 4	299 630 44
	\$630,000 \$120,000 \$210,000 \$120,000 \$30,000	4 7 4 1	299 630 44 150
DYNATEC 3049411 6888911 9132811 9061511 6755311 7307111	\$630,000 \$120,000 \$210,000 \$120,000 \$30,000 \$630,000	4 7 4 1 21 1 2	299 630 44 150 77 2.8E-03
DYNATEC 3049411 6888911 9132811 9061511 6755311 7307111 7697511	\$630,000 \$120,000 \$210,000 \$120,000 \$30,000 \$630,000 \$30,000	4 7 4 1 21	239 299 630 44 150 77 2.8E-03 210 0.18

Monitoring and testing costs. (Click here to return to Re

Facility ID	Total capital cost	Total annualized capital cost	Total as	noual :	otal No. of ual cost stacks wit			GSR CEMS annualized		GSR CEMS total annual cost	No. of stacks All-st	cks Key		ZMS annualized ital cost, all stacks	CEMS annual O&M cost, all stacks	CEMS total annual cost, all stacks	CEMS capital cost, non-GSR stacks	CEMS for non-GSR, annualized capital	CEMS for non-GSR, annual O&M cost	CEMS for non-GSR, Uses less total annual cost than 1	Uses less than 15	Performance Per	rformance test	Performance test F total annual costs	ncline monitoring capital costs	Fenciline monitoring annualized capital costs	Fencine monitoring annual O&M costs	Fenciine monitoring total annual costs	Non-CEMS capital cost	Non-CEMS annualized capital	Non-CEMS N annual O&M to	Non-CEMS C	Compliance method
	(20195)	(20195)	(201	95) (2	019\$) GSRs	stacks only	cost (2019\$)	capital cost (2019\$)	O&M cost (2019\$)	(20195)		STREET (A	5408,236	(2019\$) \$60,155	(2019\$) 597.124	(20195) \$155,257	(2019\$) \$408,216	cost (2019\$) \$60.155	(2019\$) 597,124	(2019\$) tpy? \$155,257 No	tpy?	\$100,000	costs (20195) \$100.000	(20195)	(2019\$)	(20195)	(20195)	(20195)	(20195)	cost (2019\$)	cost (2019\$) cc \$100,000	ost (20195)	chasen
ACSAZ	\$408,236	\$60,150		27,124		32-3	\$408,236	\$60,155	597,124	\$157,279	5 3-5		5556,671	\$82,027	\$135,744	\$215,014	\$148,435	\$21,872	\$38,620	\$57,735 No	Yes	\$30,000	\$30,000	\$30,000	50	5	51	50	50	51	\$30,000		
	\$408,236	\$60,15		27,124 5		32-3	\$408,236	\$60,155	597,124	\$157,279	7 4-7		5705,105	\$103,900 \$37,736			\$296,869	\$41,745		\$117,491 No	Yes	\$30,000	\$30,000	\$30,000	50	3	51	50	50		\$30,000		
MICROVENTION	50 50	9		10,000		00-0	50	50	50	50	21-2		5256,092 5283,026	\$37,736 \$41,705	\$58,504 \$70,456	\$94,972 \$110,758	\$256,092 \$283,026	\$37,736 \$41,705	\$58,504 \$70,456	594,972 Yes 5110,758 Yes	Yes	\$10,000 \$10,000	\$10,000	\$10,000	50 50	5	51	0 50	50	50	\$10,000	\$10,000 N	Non-CEMS
PARTER	5283,026	\$41,700	5 5	70,456	110,758	1 1-1	\$256,092	\$37,736	\$58,504	595,240	2 1-2		5283,026	\$41,705		\$110,758	\$26,934	\$1,969	\$11,952	\$14,518 No	Yes	\$30,000	\$30,000	\$30,000	50	51	51	50	\$0	51	\$30,000	\$30,000.0	CEMS
AMRCA EISSTERIGENICSLA	\$435,171	\$64.12	4 52	10,000	\$10,000	42.4	\$0 \$435.171	50 564.124	\$109.075	\$0 \$173.199	11-1		5256,092 5732,040	\$37,736		\$94,972 \$290,557	\$256,092 \$296,869	\$17,736 \$41,745		\$94,972 No \$117,358 No	Yes.	\$10,000	\$30,000	\$30,000 \$100,000	50	5	51	50	50	51	\$30,000	\$30,000 M	Non-CEMS
15717311	50	SI	0 53	10,000	\$10,000	0.00	50	50	50	50	3 2-3		\$408,236	\$60,155	\$97,124	\$155,257	\$408,236	\$60,155	\$97,124	\$155,257 Fes	Yes	\$10,000	\$10,000	\$10,000	50	31	51	50	50	51	\$10,000	\$10,000 N	Non-CEMS
EISSTERIGENICSONTARIO ACSCA	\$256,092 \$435,171	\$37,730 \$64.12-	5 511	58,504 5	195,240	11-1	\$256,092 \$408,236	\$37,736 \$60,155	\$58,504 \$97,124	\$96,240 \$157,279	5 3-5		5556,671 5435,171	\$82,027 \$64,124	\$135,744 \$109,075	\$215,014 \$171,044	\$300,579 \$26,935	\$44,291 \$3,969	\$77,240 \$11,951	\$118,774 No \$13,765 No	No	\$100,000	\$100,000	\$100,000	50	51	51	50	50	51	\$100,000	\$100,000 M	ion-CEMS
JAXCA	50	51	0 53	10,000	\$10,000	00-0	50	50	50	50	2 1-2		5283,026	\$41,705	\$70,456	\$110,758	\$283,026	\$41,705	\$70,456	\$110,758 Yes	Yes	\$10,000	\$10,000	\$10,000	50	51	51	50	50	50	\$10,000	\$10,000 N	Non-CEMS
7125311	\$583,605	\$85,99		47,625 \$		63-6	\$583,605	\$85,996	\$147,695	\$233,691	959		5853,540	\$125,772		\$334,527	\$269,935	\$39,776		\$100,836 No 504,972 No	No	\$100,000	\$100,000	\$100,000	50	3	51	50	50	51	\$100,000	\$100,000 N	Aon-CEMS
EISSTERISTEMECULA	\$435.171	564.12		09.075		32-3	\$408,236	\$60,155	597.124	\$157,279	424		5435,171	537,730 564,124		\$171,044	\$26,935	\$1,969		\$13,765 No	No.	\$100,000	\$100,000	\$100,000	50	5	51	50	50	51	\$100,000		
1868611	50	9		10,000		0.0-0	50	50	50	50	11-1		\$256,092	\$37,736		\$94,972	\$256,092	\$37,736	\$58,504	\$94,972 Yes	Yes	\$10,000	\$10,000	\$10,000	50	5	51	50	\$0	51	\$10,000	\$10,000 N	Non-CEMS
20042411	\$435,171	564.12-	4 51	10,000 09,075 \$	\$10,000 171,044	11.1	\$256,092	\$37,736	50 558.504	\$96.240	47.4		5256,092 5435,171	\$37,736 \$64,124	\$58,504 \$109,075	\$94,972 \$171,044	\$256,092 \$179,079	\$37,736 \$26,388	\$58,504 \$50,571	\$94,972 Yes \$74,804 No	Yes No.	\$10,000 \$100,000	\$10,000 \$100,000	\$10,000 \$100,000	50	5	50	0 50 n 50	50	50	\$100,000	\$10,000 N	don-CEMS
12847511	50	5	0 51	10,000	\$10,000	0.0-0	50	50	50	50	11-1		\$256,092	\$37,736	\$58,504	\$94,972	\$256,092	\$37,736	\$58,504	594,972 Yes	Yes	\$10,000	\$10,000	\$10,000	50	51	51	50	50	51	\$10,000	\$10,000 N	Non-CEMS
2707711 18809411	50	- 5		10,000		00-0	50	50	\$0	50	7 4-7		5705,105 5408,236	\$103,900		\$274,770 \$155,257	\$705,105 \$408,236	\$103,900 \$60,155	\$174,363 507,124	5274,770 No 5155,257 No	Yes	\$10,000	\$30,000	\$30,000	50	51	51	50	50	51	\$30,000	\$30,000 M	don-CEMS
FORTMYERS	\$283,026	\$41,70	5 51	10.456	122.161	2 1-2	\$283,026	\$41,705	\$70,456	\$112,161			5435.171	\$64,124	\$109,075	\$171,044	\$152,145	\$22,419	\$38,619	\$58,883 Yes	Yes	\$10,000	\$10,000	\$10,000	50	51	31	50	50	50	\$10,000	\$10,000 N	Non-CEMS
12775411	50	9	0 \$10	00,000	200,000	00-0	50	50	\$0	50	4 2-4		5435,171 5283,026	\$64,124 \$41,705	\$109,075 \$70,456	\$171,044 \$110,758	\$435,171 \$283,026	\$64,124 \$41,705	\$109,075	\$171,044 No \$110,758 No	No	\$100,000	\$100,000	\$100,000	50	51	51	50	50	51	\$100,000	\$100,000 N	Non-CEMS
ACSTEMPLETERRACE	\$408,236	\$60,150	5 520	07,124	167,279	32-3	\$408,236	\$60,155	597,124	\$157,279	5 3-5		5556,671	\$82,027	\$135,744	\$215,014	\$248,435	\$21,872	\$38,620	\$57,735 Yes	Yes	\$10,000	\$20,000	\$10,000	50	5	51	50	50	51	\$10,000	\$10,000 N	Non-CEMS
3699811	\$283,026	\$41,700		70,456 5		2 1-2	\$283,026	\$41,705	\$70,456	\$112,161	2 1-2		\$283,026	\$41,705		\$110,758	\$0 \$175,160	\$0	\$0	-\$1,403 No	No	\$100,000	\$100,000	\$100,000	50	5	\$1	50	50		\$100,000	\$100,000	CEMS
2534011	\$583,605 \$0	\$85,990 \$1	0 51	10,000	\$10,000	0000	\$408,236	\$60,155	\$97,124	50	95-9		5583,605 5853,540	\$85,996 \$125,772	\$212,983	\$334,527	\$853,540	\$25,841 \$125,772	\$212,983	\$73,521 No \$334,527 No	Yes	\$100,000	\$100,000	\$100,000 \$30,000	50 50	5	51	50	50	50	\$100,000	\$30,000 N	Non-CEMS
2686511 17953911	\$408,236	\$60,15	5 51	97,124	155,257	2 1-2	\$283,026	\$41,705	\$70,456	\$112,161	3 2-3		\$408,236	\$60,155	\$97,124	\$155,257	\$125,210	\$18,450	\$26,668	\$43,09\$ No	No	\$100,000	\$100,000	\$100,000	50	5	51	50	50	50	\$100,000	\$100,000 0	CEMS
17953911 ACSIA	\$408,236 \$435,171	\$60,150 \$64,12-	4 51	97,124 : 19.075 :	203.199	21-2 42-4	\$283,026 \$435,171	\$41,705 \$64,124	\$70,456 \$109,075	\$112,161 \$173,199	3 2-3 6 3-5		5408,236 5583,605	\$60,155 \$85,996		\$155,257 \$230,800	\$125,210 \$148,434	\$18,450 \$21,872	\$26,668 \$38,620	\$43,096 No \$57,601 No	No Yes	\$100,000	\$100,000	\$100,000 \$30,000	50	50	50	50	\$0 \$0	50	\$100,000	\$30,000 0	Non-CEMS
ACSIA B140511	50	51	0	50	50	1 1-1	\$0	50	50	\$0	11-1		\$0	\$0	\$0	\$0	50	\$0	50	\$0 No	No	\$100,000	\$100,000	\$100,000	50	S .	9	50	50	50	\$100,000	\$100,000 0	CEMS
4553311	\$988,211 \$435,171	\$145,610		72,740 5		13 5-13	\$961,277 \$408,236	\$141,647 \$60,155	\$260,789	\$402,416 \$157,279	14 5-14	_	988,211 5435,171	\$145,616 \$64,124		\$413,462 \$171,044	\$26,934 \$26,935	\$1,969 \$1,969		\$11,025 No \$13,765 No	No	\$100,000	\$100,000	\$100,000	50	51	51	50	50	51	\$100,000	\$100,000 0	ZMS
8155611	50	500,22	0 \$10	00,000	200,000	000	50	50	50	50	3 2-3		\$408,236	\$60,155	\$97,124	\$155,257	\$408,236	\$60,155	\$97,124	\$155,257 No	No	\$100,000	\$100,000	\$100,000	50	51	31	50	50		\$100,000	\$100,000 N	Non-CEMS
FUCHS 17953511	50	9		10,000		0.00	50	50	50	50	6 3-6 8 4-8		5583,605 5732,040	\$85,996		\$230,800 \$290,557	\$583,605 \$732,040	\$85,996 \$107,869		\$210,800 No \$290,557 No	Yes	\$10,000	\$30,000	\$30,000 \$100,000	50	3	51	50	50	51	\$30,000	\$30,000 N	Aon-CEMS
5997411	50	9		00,000		00-0	50	50	50	50	17 6-17		157.409	\$170,546		\$449,849	\$1,157,409	\$170,548		5290,557 No 5449,849 No	No.	\$100,000	\$100,000	\$100,000	50	5	51	50	50	51	\$100,000	\$100,000	Non-CEMS
6572011	5283.026			10,000		0.00	50	50	50	50	2 1-2		5283,026	\$41,705		\$110,758	\$283,026	\$41,705	\$70,456 \$77,239	\$110,758 No	Yes	\$30,000	\$30,000	\$30,000	50	3	51	50	\$0	51	\$30,000	\$30,000 N	4on-CEMS
7172111 6449011	\$283,026 \$435,171	\$41,700 \$64.12	5 51 4 51	10,456 : 09,075 :	172,161	2 1-2 3 2-3	\$283,026 \$408,236	\$41,705 \$60,155	\$70,456 \$97,124	\$112,161 \$157,279	63-6 42-4		5583,605 5435,171	\$85,996 \$64,124	\$147,695 \$109,075	\$230,800 \$171,044	\$300,579 \$26,935	\$44,291 \$3,969	\$77,239 \$11.951	\$118,639 Yes \$13,765 No	No.	\$10,000	\$100,000	\$10,000	50 50	5	51	0 50	50	50	\$100,000	\$100,000 0	CEMS
EISMEDTRONICFRIDLEY	\$0	5	0 51	10,000	\$10,000	0.00	\$0	\$0	\$0	\$0	63-6		5583,605	\$85,996	\$147,695	\$230,800	\$583,605	\$85,996	\$147,695	\$230,800°Fes	Yes	\$10,000	\$10,000	\$10,000	50	51	51	50	\$0		\$10,000	\$10,000 N	Non-CEMS
7703311 ACSMO	\$256,092 \$435,171	\$37,731		58,504 S		11-1	\$256,092 \$435,171	\$37,736 \$64,124	\$38,504 \$109,075	\$96,240 \$173,199	28 10-28		,838,120 5583,605	\$270,853 \$85,996		\$775,393 \$230,800	\$1,582,028 \$148,434	\$233,117 \$21,872		\$679,153 No \$57,601 No	No	\$100,000	\$100,000	\$100,000	50	5	51	50	50	51	\$100,000		
7746311	\$256,092	\$37,73		58,504		11-1	\$256,092	\$37,736	\$58,504		11-1		\$256,092	\$37,736	\$58,504	\$94,972	50	\$0	\$0	-\$1,268 No	No	\$100,000	\$100,000	\$100,000	50	31	51	50	50		\$100,000	\$100,000 €	CEMS
ANSCI	50	- 9	0 51	10,000	\$10,000	000	50	50	50	50	11-1		5256,092 5435,171	\$37,736 \$64,124	\$58,504 \$109,075	\$94,972 \$171,044	\$256,092 \$435,171	\$37,736 \$64,124	\$58,504 \$109,075	\$94,972 Yes \$171,044 No	Yes	\$10,000	\$10,000 \$100,000	\$10,000	50	51	51	50	50	51	\$100,000	\$10,000 M	ion-CEMS
IPAC	50	S	0 53	10,000	\$10,000	00-0	50	50	50	50	11-1		5256,092	\$37,736	\$58,504	\$94,972	\$256,092	\$37,736	\$58,504	594,972 Yes	Yes	\$10,000	\$10,000	\$10,000	50	51	51	50	50	51	\$10,000	\$10,000 N	Non-CEMS
7518611	50	9		10,000		0.00	50	50	50	50	2 1-2		5283,026 5785 908	\$41,705	\$70,456 \$210,218	\$110,758 \$322,131	\$283,026 \$785 908	\$41,705 \$115,806	\$70,456 \$210,218	\$110,758 No \$322,131 No	Yes	\$10,000	\$30,000	\$30,000	50	3	51	50	50	51	\$30,000	\$30,000 N	Aon-CEMS
7647011 6721211	\$785,908	\$115,80	6 \$2:	10,218	322,131	7 4-7	\$705,105	\$103,900	\$174,363	\$278,263	10 4-10		5785.908	\$115,806	\$210,218	\$322,131	\$80,803	\$11,907	\$35,855	\$43,868 No	No	\$100,000	\$100,000	\$100,000	50	5	51	50	50	50	\$100,000	\$100,000	CEMS
7582111	\$785,908	\$115,80	6 52:	10,218 5	322,131	84-8	\$732,040	\$107,865	\$186,315	\$294,184	10 4-10		785,908	\$115,806 \$41,705	\$210,218 \$70,456	\$322,131	\$53,868 \$283,026	\$7,918 \$41,705	\$23,903	\$27,948 No \$110,758 No	No	\$100,000	\$100,000	\$100,000	50	3	51	50	50	50	\$100,000	\$100,000 0	CEMS
5148911 US	\$256,092	\$17.73		10,000 58,504		11-1	\$256,092	\$37,736	50 558.504	\$96.240	21-2		5283,026 5256,092	\$41,705 \$37,736		\$110,758 \$94,972	5283,026 50	\$41,705 50	\$70,456 \$0	\$110,758 No -\$1,268 No	Yes.	\$30,000	\$30,000	\$30,000	50 50	5	51	0 50	50	51	\$30,000	\$30,000 N	Jon-CEMS CEMS
8409411	\$988,211	\$145,61	5 \$2:	72,740	413,462	11 4-11	\$812,842	\$119,773	\$222,169	\$341,944	34 5-14		988,211	\$145,616	\$272,740	\$413,462	\$175,369	\$25,841		\$71,517 No	No	\$100,000	\$100,000	\$100,000	50	5	51	50	\$0	50	\$100,000	\$100,000 0	CEMS
AC50H 1047511	\$435,171	\$64,12		09,075 5		12-3	\$408,236	\$60,155	\$97,124	\$157,279 \$0	4 2-4 2 1-2		\$435,171 \$283,026	\$64,124 \$41,705		\$171,044 \$110,758	\$26,935 \$283,026	\$3,969 \$41,705		\$13,765 No \$110,758 No	Yes	\$30,000	\$30,000	\$30,000	50	5	50	D 50	50		\$30,000		
14657611	\$283,026	\$41,70	5 513	70,456	212,161	2 1-2	\$283,026	\$41,705	\$70,456	\$112,161	15 5-15	5	,015,145	\$149,585	\$284,692	\$429,249	\$732,119	\$107,880	\$214,236	\$317,088 No	No	\$100,000	\$100,000	\$100,000	50	51	51	50	50	50	\$100,000	\$100,000 N	Non-CEMS
3765611 ACSPA	\$435,171 \$408,236	\$64,12 \$60,15	\$ 510	09,075 5	171,044	10-1	\$256,092 \$408,236	\$37,736 \$60,155	\$58,504 \$97,124	\$96,240 \$157,279	424		435,171 435,171	\$64,124 \$64,124		\$171,044 \$171,044	\$179,079 \$26,935	\$26,188 \$1,969	\$50,571 \$11,951	\$74,804 No \$13,765 Yes	No	\$100,000	\$100,000	\$100,000	50	5	51	50	50	51	\$100,000	\$100,000 C	ZMS Non-CEMS
	\$281,026	\$41,70	5 513	70.456 5	212.161	2 1-2	\$283,026	\$41,705	\$70,456		15 5-15	5	,015,145	\$149,585	\$284,692	\$429,249	\$732,119	\$107,880	\$214,236	\$317,088 No	No	\$100,000	\$100,000	\$100,000	50	51	51	50	50	50	\$100,000	\$100,000 N	Non-CEMS
17622611 18934511	50	9		10,000		000	50	50	50	50	2 1-2		5283,026 5283,026	\$41,705 \$41,705		\$110,758 \$110,758	\$283,026 \$283,026	\$41,705 \$41,705	\$70,456 \$70,456	\$110,758 No \$110,758 No	Yes	\$30,000	\$30,000 \$30,000	\$30,000	50	5	5	50	50	51	\$30,000	\$30,000 N	Non-CEMS
CUSTOMED	\$256,092	\$37,73	5 51	18,504	126,240	11-1	\$256,092	\$37,736	\$58,504	\$95,240	4 2-4		5435.171	\$64,124	\$109,075	\$171,044	\$179,079	\$26,388	\$50,571	\$74,804 No	Yes	\$30,000	\$30,000	\$30,000	50	51	51	50	50	51	\$30,000	\$30,000 N	Non-CEMS
MPROCIUNCOS 15515811	50	9		10,000		000-0	50	50	50	50	2 1-2		5283,026 5283,026	\$41,705 \$41,705		\$110,758 \$110,758	\$283,026 \$283,026	\$41,705 \$41,705		\$110,758 Yes \$110,758 No	Yes	\$10,000 \$100,000	\$10,000	\$10,000 \$100,000	50	51	51	50	50	51	\$10,000	\$10,000 M	ion-CEMS
MPROCVILLALBA	50	9	0 \$1	10,000	\$30,000	00-0	50	50	50	50	48 16-48	5	944,201	\$433,838	\$840,975	\$1,260,230	\$2,944,201	\$413,838	\$840,975	\$1,260,230 No	Yes	\$30,000	\$30,000	\$30,000	50	51	5	50	50	51	\$100,000	\$30,0007	Non-CEMS
6560811	\$283,026	\$41,700		70,456 5		2 1-2	\$283,026	\$41,705 \$60,155	\$70,456	\$112,161	5 3-5 6 3-6		5556,671	\$82,027 \$85,996		\$215,014	\$273,645 \$175,369	\$40,121 \$25,841	\$65,288 \$50,571	\$102,853 No	No	\$100,000	\$100,000	\$100,000	50	51	51	50	50	50	\$100,000	\$100,000 N	Non-CEMS
5047611	50a3,605	\$85,990 \$1		47,695 ; 10,000		0000	\$408,236 \$0	\$60,135 \$0	\$97,124 \$0	\$157,279 \$0	11-1		5583,605 5256,092	\$37,736	\$58,504	\$94,972	\$256,092	\$17,716	558,504	\$73,521 No \$94,972 Yes	Yes.	\$100,000	\$100,000	\$100,000	50 50	5	51	50	50	50	\$100,000	\$10,000 N	Non-CEMS
2845011 3082511	50	9	\$20	00,000	200,000	00-0	\$0	50	\$0	\$0	10 4-10		5785.908	\$115,806	\$210,218	\$322,131	\$785,908	\$115,806	\$210,218	\$322,131 No	No	\$100,000	\$100,000	\$100,000	50	5	51	50	50	50	\$100,000	\$100,000 N	Non-CEMS
STERUTEC	50	5		00,000		00-0	50 50	50	\$0	\$0 \$0	26 9-26		,669,630 5583,605	\$246,026		\$588,377 \$230,800	\$1,669,630	\$246,026 \$85,996	\$350,622 \$147,605	\$588,377 No \$230,800 No	No	\$100,000	\$100,000	\$100,000	50	5	51	50	50	51	\$100,000	\$100,000 M	Aon-CEMS
DYNATEC 3049411	50	- 5	0 5:	10,000	\$10,000	00-0	50	50	50	50	11-1		\$256,092	\$37,736	\$58,504	\$94,972	\$256,092	\$37,736	\$58,504	594,972 Yes	Yes	\$10,000	\$10,000	\$10,000	50	51	51	50	50	50	\$10,000	\$10,000 N	Non-CEMS
3049411 4888011	\$1,015,145	\$149,582 \$141,64	5 531	84,692 S 60,789 S	534,277 397,675	15 5-15	\$1,015,145 \$785,908	\$149,585 \$115,806	\$284,692 \$210,218	\$434,277 \$326,024	22 8-22	- 5	,473,498 961,277	\$217,125 \$141.647	\$326,377 \$260,789	\$536,203 \$397,675	\$458,353 \$175,369	\$67,540 \$25,841	\$41,685 \$50,571	\$101,926 No \$71,651 No	No	\$100,000	\$100,000	\$100,000	50	5.	31	50	50	51	\$100,000	\$100,000 M	don-CEMS
9132811	\$583,605	\$85,99	5 514	47,695	230,800	424	\$435,171	\$64,124	\$109,075	\$173,199	6 3-6		5583,605	\$85,996	\$147,695	\$230,800	\$148,434	\$21,872	\$38,620	\$57,601 No	No	\$100,000	\$100,000	\$100,000	50	51	51	50	50	50	\$100,000	\$100,000 C	CEMS
9061511	\$256,092	\$37,73		58,504 5		11-1	\$256,092	\$37,736	\$58,504	\$95,240	32 11-32		,891,989 5283 024	\$269,377	\$537,548 539,456	\$806,967 \$110,758	\$1,635,897	\$231,641 \$41,705	\$479,044 \$70,454	\$710,727 No \$110,758 No	No	\$100,000	\$100,000	\$100,000	50	51	51	50	50	51	\$100,000	\$100,000 N	ion-CEMS
	\$732,040	\$107,86	9 \$11	86,315	290,557	7 4-7	\$705,105	\$101,900	\$174,363	\$278,263	2 1-2 8 4-8		5732,040	\$107,869	\$186,315	\$290,557	\$26,935	\$1,969	511.952	\$12,294 No	No.	\$100,000	\$100,000	\$100,000 \$100,000	50	51	51	50	50	50	\$100,000	\$100,000	CEMS
7697511	50	9	0 \$10	00,000 :	200,000	00-0	50	50	\$0	\$0	4 2-4		5435,171	\$64,124 \$37,736	\$109,075 \$58,504	\$171,044	\$435,171	\$64,124	\$109,075 \$58,504	\$171,044 No \$94,972 Yes	No	\$100,000	\$100,000	\$100,000	50	5	\$1	50	50	50	\$100,000	\$100,000 N	Non-CEMS
EVHN ENHBAYSIDE	50 50	9		10,000		00-0	50 50	50	50	50 50	21-1		5256,092 5283,026	\$37,736 \$41,705		\$94,972 \$110,758	\$256,092 \$283,026	\$37,736 \$41,705	\$58,504 \$70,456	\$94,972 Yes \$110,758 Yes	Yes	\$10,000	\$10,000	\$10,000 \$10,000	50	51	51	50	\$0 \$0	51		\$10,000 N	
17953611	50	9	0 \$10	00,000		00-0	\$0	50	\$0	\$0	11 4-11		\$812,842	\$119,775	\$222,169	\$337,918	\$812,842	\$119,775	\$222,169	\$337,918 No	No	\$100,000	\$100,000	\$100,000	50	51	51	50	50		\$100,000	\$100,000 N	Non-CEMS
ALCON STERIGENICSAR	\$0 \$283 036	\$41.707	51	10,000 70,456 \$	\$30,000 310,758	11-1	\$256.002	\$0 \$37.736	\$0 \$58,504	\$0 \$96,240	11-1		5256,092 5283,026	\$37,736 \$41,705			\$256,092 \$26,934	\$37,736		\$94,972 No \$14,518 No	Yes	\$100,000	\$30,000	\$30,000	50	5	51	50	50	51	\$30,000	\$30,000 N	Ann-CEMS
SDAZ	\$732,040	\$107,86	9 \$11	86,315	290,557	63-6	\$383,605	\$85,996	\$147,695	\$233,691	8 48		5732,040	\$107,869	\$186,315	\$290,557	\$148,435	\$21,872	\$38,620	\$56,866 No	No	\$100,000	\$100,000	\$100,000	50	51	51	50	50	50	\$100,000	\$100,000 0	CEMS
NAMSA	50	9	5	10,000	\$10,000	00-0	50	50	\$0	\$0	11-1		5256,092	\$37,736	\$58,504	\$94,972	\$256,092	\$37,736	\$58,504	\$94,972 Yes	Yes	\$10,000	\$10,000	\$10,000	50	51	51	50	50	50	\$10,000	\$10,000 N	éon-CEMS

Reporting and recording costs. (Click here to return to ReadMe worksheet

		. Total	Atrusi O&M co	osts							One-time annual cost	One-time																$\overline{}$
	Total annual		Annual O&M		Annual O&M cost:		Annual O&M cost:	Annual O&M	Annual O&M cost:		One-time annual		One-time annual cost:	One-time annual cost:	One-time annual cost:		One-time annual	than 20 Rec	mary Hours spent on		No. of	No. of No.	of No. c		of No. of	No. of	No. of	No. of
Facility ID	O&M cost (20195)	annual costs (20195)	(20195)	Notification of performance test	Preparing test	Submitting test reports				records of operating parameters and emissions	cost: Title V permit	annual costs:	Notification of CEMS performance test	Preparing CEMS test	Submitting CEMS test reports	cost: Develop record system	cost: Personnel	than 20 Rep tpy? Free		per compliance report	responses to 63,366(b)(2)	control APC	Ds response 63,3661	scv	s CEVs	responses to	responses to Usage	NDOs
		571 682 5338 403		performance test	reports	through CEDRI	noncompliance	report 5237.025	EtO Use	and emissions S18 005	application	57.481	performance test	reports	through CEDRI	record system	training	tpy/ Free	nency report		63.366(0)(2)	systems	63.366)	0((3)		63.366(0)(5)	37.260 At least 10 toy	
10/3211		\$73,682 \$153,41:	56.295	5190	7 52,168	523	5 513		5/10	\$18,000 \$18,005	\$67,650	52,481 52,481	,	0 50	50	51,973	\$1,579				13	- 1	3	33	4 /	0	4,050 At least 1 tpy but less than 10 tpy	- 23
STRYKER	\$69,206	573.682 5142.881	56,295	\$100	7 52,368	(2)	, ,,,,	\$41,466	5710	\$18,000	\$67,650	52,481	-	20 50	50	\$1,973	\$1,579		erly 31	92 3.263		- 1	- 1		1 1		3,240 At least 1 tpy but less than 10 tpy	-i
MICROVENTION	\$38,262	573.682 5111.94		\$100	7 52,368	(2)	5 513	\$10.522	5710	\$18,000	\$67,650	52,481	-	20 50	50	\$1,973	\$1,579	Yes Quar	edy 1	2,203		- 1	- 7	12			820 Less than 1 tpy	=
150	558,811	573.682 5132.490	\$6,295	\$10	7 52.161	521	5 513	\$31,071	5710	\$18,000	\$67,650	52.461		50	50	\$1,973	\$1.579	Yes Duar	erly 2	93 2.445	6	- 2	2	6	2 0		2.430 Less than 1 toy	=
PARTER	\$47,427				0 50		0 513		5710	\$18,000	\$67,650	52.481	510	52 368	535	51 971	\$1,579	Yes Duar	erly 2	10 1.753		2	2	40		90	1.620 At least 1 toy but less than 10 toy	- 2
AMECA	579 347	573.682 5153.020	56,205	\$193	2 52 168	525	513	\$51,607	\$710	\$18,000	\$67,650	52.481	-	50	50	\$1,973	\$1,579	Yes Quar		87 4.061	- 1	-1	- 1		1 1		4.050 At least 1 toy but less than 10 toy	
PISSTERNOFNICSI A	\$120,998	573 682 5194 688	56,295	\$10	7 \$2,368	521	5 513			\$18,000	\$67,650	52.461		50	50	\$1,973	\$1,579		innual B	11 14.677	24	- 1	-	20	14 14		14,580 At least 10 tpy	- 0
18717911	\$58,963	573 682 5132 646	56,205	£100	7 \$2,368	63	513		6710	\$18,000	\$67,650	52,481		60		\$1,973	\$1,579	Van Door	erly 2	95 2.457		- 1	-	10			2,430 Less than 1 tpy	=
DISSTERIGENICSONTARIO	\$79,595	573.682 5153.27	56,295	\$100	7 52,368	(2)	5 513	\$51,855	5710	\$18,006	\$67,650	52,481	-	20 50	50	\$1,973	\$1,579	No food	engual 41	90 8.161		- :	- 1	44	3 0		8,100 At least 10 tpy	-i
ACSCA	\$78,066	576,272 5154,331					0 513		£710	\$18,006	\$67,650	52,481	630	63.268	174	\$1,973	\$1,579		edy 5	00 4,164		- 1	-	21	7 0	- 20	4.050 At least 1 toy but less than 10 toy	=
IAXCA	548,454	573.682 5122.130	56,295	\$193	2 52 168	525	5 513	520,714	5710	\$18,000	\$67,650	52.461	-	50	50	\$1,973	\$1,579	Yes Duar	erly 2	96 1,630	4	- 2	- 1	3	1 0		1.620 Less than 1 toy	- 2
2125111	558 920		56,295	\$100	7 52,368	521	5 513		5710	\$18,000	\$67,650	52.481		50	50	\$1,973	\$1,579	No Semi	innual 2	95 4.915	25		-	27	9 0		4,850 At least 10 tpy	-
186811	559 304	573 682 5142 78		\$100			513		5710	\$18,000	\$67,650	52.481		50	50	51 971	\$1.579	Yes Quar		91 1255	- 1	- 1	1	0	1 0		3.240 At least 1 toy but less than 10 toy	-
DISSTERISTEMECHIA	577,971			249	7 22,308		0 513		5710	518,000	\$67,650	52,461	510	77 52.368	,,,	\$1,973	\$1,579		any a			- :		30	4 6	380	8,100 At least 10 tpy	=
1868611	\$58,760		56,295	\$100	7 52.368	525	5 513		5710	\$18,006	\$67,650	52,481	-	50	50	\$1,973	\$1,579	Yes Duar	erly 2	93 2.441	1	- 1	- 1		1 1		2,430 Less than 1 tpy	=
20042411	\$58,887	573.682 5132.570	56,295	\$100	7 \$2,368	521	5 513	\$31,147	5710	\$18,000	\$67,650	52,481		50	50	\$1,973	\$1,579	Yes Duar	erly 2	94 2.451	- 1	-1	-1	15	1 0		2.430 Less than 1 toy	=
1832911	\$160,414	576,272 5236,683	56,295		0 50		0 513	\$135,265	5710	\$18,000	\$67,650	52.461	510	52 368	535	\$1,973	\$1,579	No Semi	innual 1.2			4	- 1	45	9 9	150	21.050 At least 10 toy	- 13
12842511	558.747		56,295	\$100	2 52 168	525	513	\$31,000	5710	\$18,000	\$67,650	52.481	-	50	50	\$1.971	\$1.579	Yes Duar	erly 2		- 1	- 1	0	6	2 0		2.430 Less than 1 toy	- 1
2207211	\$122.256	571 682 5745 91	56,205	\$100	7 52,368	521	5 513	5144 516	5710	\$18,000	\$67,650	52.481		50	50	\$1,973	\$1,579	Yes Duar	edy 1.3	65 11.172		- 7	- 1	20	4 4		11,340 At least 1 tpy but less than 10 tpy	14
15509411	\$182 121	573.682 5256.000	56,205	\$100				\$154,581	5710	\$18,000	\$67,650	52.461		50	50	\$1,973	\$1,579			60 24.328	- 3	- 1	-1	20	4 4		24,300 At least 10 tpy	15
FORTMYERS	\$58,989	573.682 5132.67	56,295	\$10	7 52.161	521	513	\$31,245	5710	\$18,000	\$67,650	52.461		50	50	\$1,973	\$1,579		erly 2	95 2,459	- 1	- 1	2	18	4 0		2.430 Less than 1 toy	- 1
12775411	\$130,821	573.682 5204.50		510	7 52,368	524	5 513	\$103.083	5710	\$18,000	\$67,650	52,461		6	- CO	\$1,973	\$1,579	No Semi	ennual or	73 16.223		4	2	12	4 0		16.200 At least 10 toy	10
4359211	\$120,547		56,295	\$190	7 52.368	525	5 513	592.807	\$710	\$18,006	\$67,650	52.481		50	50	\$1,973	\$1,579	Yes Quar	erly E		4	2	1	6	2 0		7,290 At least 1 toy but less than 10 toy	- 2
ACSTEMPLETERRACE	\$59,341	573.682 5132.824	55,295	\$193	7 52.161	525	513	\$31,402	5710	\$18,006	\$67,650	52.481	- 5	50	50	\$1.973	\$1,579 \$1,579	Yes Quar		97 2.471	11	5	3	27	9 0		2.430 Less than 1 toy	=
1699811	578,098	576,272 5154,371	56,295	50	0 50	50	0 513	\$52,941	5710	\$18,000	\$67,650	52.461	523	77 52.368	525	\$1,973	\$1,579	No Semi	innuil 5			2	3	50	20 10	250	\$ 100 At least 10 tree	- 5
4315921	598,463	576,272 5174,735	56,295	50	0 50	50	0 513		5710	\$18,006	\$67,650	52.461	523	7 52.368	525	\$1,973	\$1,579		innual 6	92 11.538		- 6	5	15	3 3	150	11,340 At least 10 tpy	-7
2534001	558,923	573.682 5132.595	56,295	\$190	7 52.368	525	5 513	\$31,173	5710	\$18,000	\$67,650	52.461	5	50 50	50	\$1,973	\$1,579	Yes Quar	erly 2	94 2.453	11	9	1	9	3 0		2,430 At least 10 tpy	
2686511	\$129,113	576,272 5195,385	56,295	50	0 50	50	0 513	591,961	5710	\$18,006	\$67,650	52,481	523	52,368	525		\$1,579	No Semi	innual 8	87 14,788		- 1	3	25	3 3	150	14.580 At least 10 toy	- 2
17953911	\$150.057	576,272 5226,330	56,295	50	0 50	50	0 513	\$124,900	5710	\$18,006	\$67,650	52.481	523	7 52.368	525	\$1.973	\$1,579	No Semi	innual 1.1			- 1	3	35	7 7	150	19.440 At least 10 toy	12
ACSIA	\$79.881	573.682 5153.56	56,295	£10:	7 52.368	634	5 513	\$52,141	5710	\$18,000	\$67,650	52,461	7.0	60 60	CO.	\$1,973	\$1,579	Yes Com	erly 4		14	6	4	36	12 0	0	4.050 At least 1 toy but less than 10 toy	_=
8140511	588,291	576,272 5164,664	55,295	949	0 50	4/	0 513	\$61,242	5710	\$18,006	\$67,650	52,461	410	77 52.368	515	\$1.971	\$1.579	No Semi	engel 2			- 1	6	50	20 10	380	9,720 At least 10 tpy	- 6
4553331	\$120,208	576 272 5746 QBI	56,295		0 50		0 513	\$145,558	5710	\$18,000	\$67,650	52.481	510	52 368	535	\$1,973	\$1,579	No Semi	ercual 13	74 22.908		14	15	45	9 9	150	22 680 At least 10 tru	14
8142611	\$108,788	576,272 5185,060	56,295		0 50		0 513		5710	\$18,000	\$67,650	52,481	510	7 52.368	535	\$1,973	\$1,579	No Semi	ercual 7	90 13.163			4	20	4 4	150	12,960 At least 10 tpy	- 1
8155611	\$120,604	573,682 5194,281		\$100	2 52 168	525	513	592.864	5710	\$18,000	\$67,650	52,481	-	50	50	\$1,973	\$1,579	No Semi	ercual E	77 14.615	7	-	2	25	4 5		14,580 At least 10 tpy	- 0
nins	\$120,559	573.682 5194.243	56,295	\$10	7 52.161	521	5 513	592,820	5710	\$18,000	\$67,650	52.461		50	50	\$1,973	\$1,579	Yes Duar	edy E	76 7.104	- 1	- 7	- 1	3	1 0		7.290 At least 10 toy	- 0
17951511	\$38,254		56,295	\$100	7 \$2,368	521	5 513		5710	\$18,006	\$67,650	52,481		50	50	\$1,973	\$1,579	No Semi	eroul 1	98 1,639	10	- 1	-1	6	2 0		1,620 At least 10 tpy	-
5997411	538,211	573.682 5111.89	56,295	\$100	7 52,368	521	5 513	\$10,471	5710	\$18,000	\$67,650	52.461		50	50	\$1,973	\$1,579	No Semi	ercual 1	99 1,548	19	17	-1	6	2 0		1.620 At least 10 toy	-
6572001	558 771	573 682 5132 455	56,205	\$100		521	5 513	\$31,033	5710	\$18,000	\$67,650	52.481		50	50	\$1,973	\$1,579	Yes Duar	welv 21	91 2,442	4	2	-1	- 3	1 1		2,430 At least 1 tpy but less than 10 tpy	=
2172111	\$120.852	573.682 5194.534	6 56,205	\$100			5 513		5710	\$18,000	\$67,650	52.481		50	50	51 971	\$1.579		erly E	79 7.127	16	- 7	- 3	18	4 0		7,290 Less than 1 toy	- 0
5449011	\$109.047	576,272 5185,314	6 56,205		0 50		0 513		5710	\$18,000	\$67,650	52.461	510	52 368	535	51 971	\$1,579	No Semi	ercual 7	92 13.203		- 2	4	50	12 12	150	12,950 At least 10 tpy	-i
PISMEDITEONICERIDITY	\$48,899		\$6,295	\$193	7 \$2,368	525	5 513		5710	\$18,006	\$67,650	52,481	-	50	50	\$1,973	\$1,579		erly 2	00 1,665	12	- 4	- 1	30	10 0		1,620 Less than 1 tpy	- 2
7703311	\$223,952	573.682 5297.635	\$6,295	\$100	7 \$2,368	521	5 513	\$195,212	\$710	\$18,006	\$67,650	52,481		50	50	\$1,973	\$1 579	Mn Sami	innual 1.8	53 30,880	12	28	2	65	11 11		30,780 At least 10 tpy	19
ACSMO	579,881	573.682 5153.56	56,205	\$10	7 52.161	521	5 513	\$52,141	5710	\$18,000	\$67,650	52.461		50	50	\$1,973	\$1,579	Yes Duar	edy 4	92 4 103	14		4	36	12 0		4,050 At least 1 tpy but less than 10 tpy	-3
7766311	588 360		56,205		0 50		0 513		5710	\$18,000	\$67,650	52.481	510	52 368	535	51 971	\$1.579		eroul 9	97 948		-1	- A	45	9 9	150	9,720 At least 10 tpy	- 6
ANSCI	558 715		56,295	\$19	2 52 168	525	513		5710	518,000	\$67,650	52,481	,,,	0 50	50	\$1,973	\$1,579		erly 2		1		7	1	1 0	200	2.430 Less than 1 toy	- 1
16431311	\$79,322	573.682 5153.00	6 56,205	\$100	2 52.168	521	513	551 583	5710	\$18,000	\$67,650	52.481		50	50	\$1,973	\$1,579			87 8 118		- 1	-1	9	1 0		8,100 At least 10 tpy	=
IPAC .	\$58,735	573.682 5132.41	56,295	\$10	7 52,368	525	5 513		5710	\$18,006	\$67,650	52,481		0 50	30 50	\$1,973	\$1,579	Yes Duar	erly 2	93 2.439	1	- 7	- 1	1	1 0		2,430 Less than 1 tpy	-i
7818411	\$58,900	573.682 5132.583	56,295	£100	7 52,368	(2)	5 513	\$31,160	5710	\$18,000	\$67,650	52,461	-	20 50	50	\$1,973	\$1,579 \$1,579	Yes Quar	erly 2	2,122	- 1			12	4 4		2,430 At least 10 tpy	=
7542011	\$58,792		56,295	\$10	7 52,368	525	5 513		5710	\$18,006	\$67,650	52,481		0 50	30 50	\$1,973	\$1,579		enry 2	93 4,887	12	10	- 1	12	4 0		4,850 At least 10 tpy	-i
6721211	588,296		56,295		0 50		0 513	563.146	5710	\$18,000	\$67,650	52.461	510	77 52.368	535	\$1 971	\$1 579	Mn Sami	ercual 5	96 9,938		10	9	35	2 7	150	9.720 At least 10 toy	- 6
2582111	\$109,074	576 272 5185 346	56,295		0 50		0 513	581.924	5710	\$18,000	\$67,650	52.461	510	7 52.368	535	\$1,973	\$1,579	No Semi	ercual 7	92 13.208		10	10	65	11 11	150		
5148911	\$38,360		\$6,295	\$100	7 52.368	525	5 513		5710	\$18,000	\$67,650	52.461		50	50	\$1,973	\$1,579		erly 1	98 820	4	2	1	3	1 0		810 At least 1 tpy but less than 10 tpy	
115	\$47,046	576 272 5123 311	56,205		0 50		0 513	521,896	5710	\$18,000	\$67,650	52.461	510	52 368	535	51 971	\$1,579	Yes Duar	erly 2	07 1 223		-1	- 1	10	2 2	90	1,620 At least 1 tpy but less than 10 tpy	- 2
8409411	\$150,184	576,272 5226,453	56,295		0 50		0 513	\$125,035	5710	\$18,006	\$67,650	52,481	510	7 52.368	535	\$1,973	\$1,579		innual 1.1	19.678		14	11	55	11 11	150	19,440 At least 10 tpy	12
ACSOM	578,342	576,272 5154,415	56,295	50	0 50	50	0 513	\$52,993	5710	\$18,006	\$67,650	52.481	519	77 \$2,368	525	\$1.973	\$1,579	Yes Quar	erly 50	00 4,170		4	3	27	9 0	90	4,050 At least 1 tpy but less than 10 tpy	
1047511	\$120,585	573.682 5194.263	56,295	\$190	7 52.368	525	513	592.845	5710	\$18,006	\$67,650	52.481		60 50	50	\$1.973	\$1,579	Yes Quar	edy E	77 7,306	4	2	1	9	3 0		7.290 At least 10 toy	- 2
14657611	\$326,650			\$190	7 \$2,368	521	5 513	\$298,915	5710	\$18,006	\$67,650	52,481		50	50	\$1,973	\$1,579	No Semi	innual 2,8		21	15	3	40	8 8		46.980 At least 10 toy	29
1765611	\$67,614		56,295	20	0 50	50	0 513	\$42,464	5710	\$18,006	\$67,650	\$2,481		52,368	525	\$1,973	\$1,579	No Semi	innual 40		0	4	2	20	4 4	180		- 4
ACSPA	\$59,129		\$6,295	\$193	7 \$2,368	525	5 513		\$710	\$18,006	\$67,650	52,481		50	50	\$1,973	\$1,579		erly 2	96 2,470	10	4	3	27	9 0	0	2.430 Less than 1 toy	- 3
6982311	\$182,486	\$73,682 \$256,160	\$6,295	\$190		525	5 513	\$154,746	\$710	\$18,006	\$67,650	\$2,481	5	50	\$0	\$1,973	\$1,579	No Semi	innual 1,4	61 24,354	21	15	3	30	6 6	0	24,300 At least 10 tpy	15
17622611	569,079	573.682 5142.76	\$6,295	\$190	7 52.368	523	513	\$41,335	5710	\$18,006	\$67,650	52.481	5	50 50	50	\$1.973	\$1,579	Yes Quar	erly 31	90 3,253	4	2	1	6	2 0		3.240 At least 1 toy but less than 10 toy	- 4
18934511	\$89,704	\$73,682 \$163,38	56,295	\$190	52,368	\$25	5 513	\$61,965	\$710	\$18,006	\$67,650	52,481	5	50 50	50	\$1,973	\$1,579	Yes Quar	erly 5	85 4,876	4	2	1	9	3 0		4,850 At least 1 tpy but less than 10 tpy	- 6
CUSTOMED	\$79,411		\$6,295	\$19:	7 \$2,368	\$25	5 513	\$51,671	\$710	\$18,006	\$67,650	52.481	5	50 50	50	\$1,973	\$1,579	Yes Duar	erly 48	88 4,066		4	2	5	1 1		4,050 At least 1 tpy but less than 10 tpy	- 5
MPROCJUNCOS	\$48,921		\$6,295	\$19:	7 \$2,368		5 513		\$710	\$18,006	\$67,650	52,481	5	50 50	50	\$1,973	\$1,579		erly 20	00 1,666	4	2	1	39	23 0		1,620 Less than 1 tpy	- 2
15515811	\$89,634		56,295	\$190		525	5 513		\$710	\$18,006	\$67,650	52,481	5	50	\$0	\$1,973	\$1,579		innual S		6	2	2	12	4 0	0	9,720 At least 10 tpy	6
MPROCVILLALBA	\$60,755	\$73,682 \$134,431	\$6,295	\$193	7 \$2,368	525	5 513		\$710	\$18,006	\$67,650	52,481	5	50	\$0	\$1,973	\$1,579	Yes Quar	erly 3:	12 2,598	96	48	24	69	23 0	0	2,430 At least 1 tpy but less than 10 tpy	- 3
6560811	\$172,224	\$73,682 \$245,900	\$6,295	\$190	52,368	525	5 513	\$144,484	\$710	\$18,006	\$67,650	52,481	5	50	\$0	\$1,973	\$1,579	No Semi	innual 1,38		11	5	3	45	3 3	0	22,680 At least 10 tpy	14
6640211	\$98,482	\$76,272 \$174,754	\$6,295	54	0 50	54	513	\$73,333	\$710	\$18,006	\$67,650	52,481	529	7 \$2,368	\$25	\$1,973	\$1,579	No Semi	innual 6			6	5	18	6 0	150	11,340 At least 10 tpy	7
5047611	\$58,773	\$73,682 \$132,455	\$6,295	\$190	7 \$2,368	525	5 513	\$31,033	\$710	\$18,006	\$67,650	52,481	5	50	\$0	\$1,973	\$1,579	Yes Quar	erly 21	93 2,442	3	1	1	6	2 0	0	2,430 Less than 1 tpy	- 3
2845011	\$89,672		\$6,295	\$190	7 \$2,368	525	5 513		\$710	\$18,006	\$67,650	52,481		50	\$0	\$1,973	\$1,579	No Semi	innual S	85 9,747		10	2	10	2 2	0	9,720 At least 10 tpy	6
3082511	\$182,479		\$6,295	\$190		525	5 513	\$154,740	\$710	\$18,006	\$67,650	52,481	5	50	\$0	\$1,973	\$1,579 \$1,579	No Semi	innual 1,4		30	26	2	20	4 4	0	24,300 At least 10 tpy	15
STERUTEC	\$79,404		56,295	\$193	7 \$2,368	525	5 513		\$710	\$18,006	\$67,650	52,481	5	50	\$0				innual 4	88 8,131		6	1	20	4 4	0	5,100 At least 10 tpy	- 5
DYNATEC	\$38,348	\$73,682 \$111,830	\$6,295	\$193	7 \$2,368	525	5 513	\$10,408	\$710	\$18,006	\$67,650	52,481	5	50	\$0	\$1,973	\$1,579	Yes Quar	erly 1	98 819	3	1	1	3	1 0	0	810 Less than 1 tpy	- 1
3049411	\$141,648		\$6,295	\$190	52,368	525	5 513	\$113,909	\$710	\$18,006	\$67,650	52,481	5	50	\$0	\$1,973	\$1,579	No Semi	innual 1,0		62	22	20	42	20 6		17,820 At least 10 tpy	11
6888911	\$67,677	\$76,272 \$143,950	\$6,295	54	0 50	54	0 513	\$42,521	\$710	\$18,006	\$67,650	52,481	529	7 52,368	\$25	\$1,973	\$1,579	No Semi	innual 40	02 6,693	0	13	12	30	20 0	150	6,480 At least 10 tpy	- 4
9132811	\$88,233		\$6,295	54	0 50	54	0 513	\$63,083	\$710	\$18,006	\$67,650	52,481		7 \$2,368	\$25	\$1,973	\$1,579	No Semi	innual 5	96 9,928	0	6	6	25	5 5	150	9,720 At least 10 tpy	6
9061511	\$193,002	\$73,682 \$266,684	\$6,295	\$190	7 \$2,368	\$25	5 513		\$710	\$18,006	\$67,650	52,481		50 50	50	\$1,973	\$1,579	No Semi	innual 1,50		36	32	2	50	10 10	0	25 920 At least 10 toy	16
6755311	\$254,369		\$6,295	\$190	52,368	525	5 513		\$710	\$18,006	\$67,650	52,481		50	\$0	\$1,973	\$1,579		innual 2,1		6	2	2	18	6 0	0	35,640 At least 10 tpy	22
7307111	\$150,153	\$76,272 \$226,425	\$6,295	50	0 50	50	0 513	\$125,001	\$710	\$18,006	\$67,650	52,481	529	52,368	\$25	\$1,973	\$1,579	No Semi	innual 1,1	90 19,673			9	50	10 10	150	19,440 At least 10 tpy	12
7697511	\$110,259	573.682 5183.94	\$6,295	\$190	52,368	\$25	5 513	\$82,520	\$710	\$18,006	\$67,650	52,481		50 50	50	\$1.973	\$1,579	No Semi	innual 7.	79 12,967	6	4	1	15	6 0	0	12.950 At least 10 toy	- 8
CVHN	\$58,735		56,295	\$193	7 \$2,368	525	5 513	\$30,995	\$710	\$18,006	\$67,650	\$2,481	5	50	\$0	\$1,973	\$1,579	Yes Quar	erly 21	93 2,439	3	1	1	3	1 0	0	2,430 Less than 1 tpy	. 3
17953611	\$100,049	\$73,682 \$173,73	\$6,295	\$190	7 \$2,368	\$25	5 513	\$72,305	\$710	\$18,006	\$67,650	52.481	5	50 50	50	\$1,973	\$1,579	Mn Sami	innual 6	83 11,380	17	11	3	20	4 4		11,340 At least 10 tpy	7
LINHBAYSIDE	\$38,262	\$73,682 \$111,944	\$6,295	\$193	7 52,368	525	5 513		\$710	\$18,006	\$67,650	\$2,481	5	50	\$0	\$1,973	\$1,579	Yes Quar	erly 1	99 828	6	2	2	9	3 0	0	810 Less than 1 tpy	- 1
ALCON	\$89,831		\$6,295	\$193	7 \$2,368	525	5 513		\$710	\$18,006	\$67,650	\$2,481	5	50	\$0	\$1,973	\$1,579 \$1,579	Yes Quar	erly 5	86 4,886	3	1	1	20	4 4	0	4,860 At least 1 tpy but less than 10 tpy	- 6
STERIGENICSAR	\$119,272			50	0 50	50	0 513		\$710	\$18,006	\$67,650	\$2,481	519	77 \$2,368	525	\$1,973	\$1,579	No Semi	ennual 8	59 14,513	0	2	2	50	10 10	150	14,580 At least 10 tpy	- 9
SDAZ	\$119,069	\$76,272 \$195,34	\$6,295	50	0 50	50	0 513	\$93,915	\$710	\$18,006	\$67,650	\$2,481	529	77 \$2,368	525	\$1,973	\$1,579	No Semi	ennual 8	87 14,781	. 0		8	18	6 0	150	14,580 At least 10 tpy	- 9
NAMSA	\$58,735	\$73,682 \$132,41	\$6,295	\$190	52,368	\$25	5 513	\$30,995	\$710	\$18,006	\$67,650	52,481		50 50	50	\$1,973	\$1,579	Yes Quar	erly 21	93 2,439	3	1	1	3	1 0	0	2,430 Less than 1 tpy	- 3

А	В	С	E	F	G	Н	ı	J	K	L
1	<u> </u>									•
3	Basic Information on Comr	nercial Sterilization Facil	ities	Chemical use	700			Operating times		
3				Actual EtO	Allowable	Actual PpO	Allowable	Operating times		
	Facility ID	Building	NAICS Code	Usage	EtO Usage	Usage	PpO usage	Annual Sterilization		
4				(tpy)	(tpy)	(tpy)	(tpy)	Operating Hours		
5	1073211		326113	205	300			8,760		
7	ACSAZ STRYKER		561910 339112	1.45	6.2			2,080 8,424		
8	MICROVENTION		339112	5.50E-03	0.808			4,500		
9	LSO		339112	2.24E-02	0.194			320		
10	PARTER AMRCA		339113	5.46	10.9			8,760		
12	EISSTERIGENICSLA	4801-63 E 50th St	339112 561910	5.3 79.5	23 219			7,000 8,760		
13	EISSTERIGENICSLA	4900 S Gifford Ave	561910	4.16E+01	1.67E+02			8,760		
14	15717311		339113	0	1			5,824		
15 16	EISSTERIGENICSONTARIO ACSCA		561910 561910	429.0 2.50	657 5.00			8,760 7,000		
17	JAXCA		54171	2.30	3.00			2,080		
18	7125311		561910	209.443	718.430	0	21.7705	8,700		
19	186811		334510	1.04E+00	2.000			2,600		
20	EISSTERISTEMECULA 3868611		561910 339112	81.4 0.000	240 17.000			8,640 8,568		
22	20042411		561910	1	1			2,000		
23	3832911		339112	1.03E+02	225.3			8,760		
24	12847611		621511	0.02	0.2			640		
26	2707711 18809411		339112 339112	8.0 24.888	54.8 25.10			8,520 7,344		
27	FORTMYERS		561910	0.9	1.934			7,000		
28	12775411		54119	50.19	70			8,760		
29 30	4359211 ACSTEMPLETERRACE		339112 561910	6.680	10			7,525 7,000		
31	3699811		561910 561910	146.4	3 312.5	0.8	12.5	7,000 8,760		
32	4315911		339112	51.6	75	J.0		8,640		
33	2534011		339113	15	141			8,760		
34 35	2686511		339112	163	267 302.50			8,760 8,760		
36	17953911 ACSIA		339112 561910	139.43	302.50			8,760 2,210		
37	8140511		561910	229.2	375.0			8,760		
38	4553311		33911	30	62			8,760		
39 40	8142611		561910	113.0	200.0			8,736		
41	8155611 FUCHS		561910 311942	22.5 10.6	51.8 10.6			4,992 2,995		
42	17953511		311942	24.6	24.6	87.2	87.2	4,500		
43	5997411		311942	20.5	30.0			4,500		
44 45	6572011		325412	8.373	32.85 4.92			3,590		
46	7945211 18874311		54171 54171	1.16E-01 2.59E-02	1.64E+00			2,080 2,080		
47	7172111	Building 5	334510	0.023	0.0325			8,592		
48	7172111	Building 9	334510	0.263	1.200			8,592		
49 50	7172111 6449011	Building C	334510 621999	1.97E-01 73	2.51E-01 73			8,592 8,736		
51	EISMEDTRONICFRIDLEY	Central Building	339113	1.14E-01	1.77E-01			4,160		
52	EISMEDTRONICFRIDLEY	East Building	339113	0.029	0.044			4,160		
53	7703311		339113	251.06	456.3			8,760		
54 55	ACSMO 7746311		561910 561910	3.61E+02	3.9 4.00E+02			8,760 8,760		
56	ANSCI		561990	0.0	4.001+02			2,080		
57	16431311		339112	40.0	227.9			8,501.0		
58	JPAC		561910	0.1	0			7,000		
59 60	7518611 7647011		339112 325998	10.5	64.358 53	19.3 12.30	64.4 88	3,756 2,080		
61	6721211		561910	90.255	125	12.50	00	8,320		
62	7582111		561910	544.88	846	7.4	846.0	8,760		
63	5148911		311942	9.93	80	20.25	246	4,500		
64 65	LIS 8409411		333249 561910	189.159	65.70 275.0	0.3	3.0	2,800 8,760		
66	ACSOH		561910	2.0	3	0.5	5.0	2,080		
67	1047511		541990	14.1	35.9			8,475		
68 69	14657611		339112	59.942	196.735			8,760 8,304		
70	3/65611 ACSPA		339112 561910	0.43	35.89 0.95			8,304 1,880		
71	6982311		339112	43.92	110.00			8,400		
72	17622611		325199	1.84	4.38			8,400		
73 74	18934511 CUSTOMED		339112 339113	1.70	6.81			6,000 2,750		
75	MPROCJUNCOS		334510	0.46				8,700		
76	15515811		561910	44	58			8,400		
77	MPROCVILLALBA		339112	1.9	5			6,580		
78 79	6560811 6640211		561910 561910	96.9915 92.4	267.75 150			8,568 8,472		
80	5047611		33911	92.4	150			7,000		
81	2845011		561910	72.8	159			8,670		
82	3082511		339113	1.33E+02	3.49E+02			8,760		
83	STERITEC DYNATEC		621511 561990	54	107			8,760 408		
85	3049411	1435 Isomedix Pl	561910	84				7,800		
86	3049411	1441 Don Haskins Dr	561910	362	701			8,640		
87	6888911		561910	238.88	460.0	6.6	6.9	8,520		
88	9132811 ACSTX		561910 561990	299	446 1.5			8,760 7,000		
90	9061511		339113	630	1279			8,760		
91	6755311		339112	43.6	100			8,760		
92 93	7307111 7697511		561910 339112	1.50E+02 77	210.300 228			8,760 8,400		
94	7697511 CVHN		622110	0.003	0.257			8,400 6,240		
95	17953611		339112	210.269	445.445			8,640		
96	LNHBAYSIDE		622110	0.18	0.41			8,760		
97 98	ALCON		339113	3.88	9.86			8,760 8,760		
99	STERIGENICSAR BDAZ		561910 561910	146.43 225.00	312.50 225.00			8,760 8,760		
100	NAMSA		541715	0.14	0.25			7,000		
	+	•						.,000		

Stack Emission Release Parameters

Stack Emission Release Par	umeters							
Facility ID	Emission Release Point ID	APCD/Control Status	Dry scrubber present?	No. of wet scrubbers	No. of catalytic oxidizers	No. of thermal oxidizers	No. of GSRs	No. of APCDs
1073211	SN-101C	Catalytic oxidizer	No	0	1	0	0	1
1073211	SN-116	(Multiple)	No	0		1	0	2
1073211	SN-117	(Multiple)	No	0		1	0	2
ACSAZ	ST-1	Dry scrubber	Yes	0				1
ACSAZ ACSAZ	ST-2 ST-3	Dry scrubber Dry scrubber	Yes Yes	0				1
ACSAZ	SRV	(Uncontrolled)	No	0				0
ACSAZ	IRV	(Uncontrolled)	No	0			0	0
STRYKER	EF14	(Multiple)	Yes	1			1	2
STRYKER	EF12	Dry scrubber	Yes	0	0	0	1	1
STRYKER	EXH13	(Uncontrolled)	No	0				0
STRYKER	EXF-9	(Uncontrolled)	No	0				0
STRYKER	EF-10	(Uncontrolled)	No	0			0	0
STRYKER	EF15	Dry scrubber	Yes	0			1 0	1
STRYKER MICROVENTION	ATM	(Uncontrolled)	No No	0		0		0
LSO	Abator 1	Catalytic oxidizer Catalytic oxidizer	No	0		0	0	1
LSO	Abator 2	Catalytic oxidizer	No	0		0	0	1
PARTER	APCD	(Multiple)	Yes	1			1	2
PARTER	ATM	(Uncontrolled)	No	0			0	0
AMRCA	со	Catalytic oxidizer	No	0	1	0	0	1
EISSTERIGENICSLA	STK1_50S	Wet scrubber	No	1	0	0	0	1
EISSTERIGENICSLA	STK2_50S	Catalytic oxidizer	No	0		0	0	1
EISSTERIGENICSLA	NOAPCDRV_50S	Dry scrubber	Yes	0				1
EISSTERIGENICSLA	STK1_GA	Wet scrubber	No	1			0	1
EISSTERIGENICSLA	STK2_GA	Catalytic oxidizer	No	0		0		1
EISSTERIGENICSLA	HCDV	Dry scrubber	Yes	0				1
EISSTERIGENICSLA	SRV	Dry scrubber	Yes	0			1	1
EISSTERIGENICSLA	NOAPCDRV_GA P-1	Dry scrubber	Yes	0		0	1 0	1
15717311 15717311	P-1 P-2	Catalytic oxidizer	No No	0		0		1
15717311	P-3	Catalytic oxidizer Catalytic oxidizer	No	0		0	0	1
EISSTERIGENICSONTARIO	ST1	Wet scrubber	No	1			0	1
EISSTERIGENICSONTARIO	ST2	Catalytic oxidizer	No	0		0	0	1
EISSTERIGENICSONTARIO	ST3	Catalytic oxidizer	No	0		0	0	1
EISSTERIGENICSONTARIO	NOAPCDRV	Dry scrubber	Yes	0	0	0	1	1
EISSTERIGENICSONTARIO	ATM	(Uncontrolled)	No	0	0	0	0	0
ACSCA	ST-1	Dry scrubber	Yes	0			1	1
ACSCA	ST-2	Dry scrubber	Yes	0				1
ACSCA	ST-3	Dry scrubber	Yes	0			1	1
ACSCA	SRV	(Uncontrolled)	No	0				0
JAXCA JAXCA	Stack #1 General Building Exhaust	Catalytic oxidizer (Uncontrolled)	No No	0			0	0
7125311	EPN-1	Wet scrubber	No	1			0	1
7125311	EPN-2	Wet scrubber	No	1				1
7125311	EPN-3	Dry scrubber	Yes	0				1
7125311	EPN-4	Dry scrubber	Yes	0			1	1
7125311	EPN-5	Dry scrubber	Yes	0	0	0	1	1
7125311	EPN-6	Dry scrubber	Yes	0	0	0	1	1
7125311	EPN-7	Dry scrubber	Yes	0	0	0	1	1
7125311	EPN-8	Dry scrubber	Yes	0				1
7125311	EGSTV	(Uncontrolled)	No	0				
186811	Abator Stack	Catalytic oxidizer	No	0		0		1
EISSTERISTEMECULA	EPN-1 EPN-2	Catalytic oxidizer Dry scrubber	No	0		0		1
EISSTERISTEMECULA EISSTERISTEMECULA	EPN-2	Dry scrubber Dry scrubber	Yes Yes	0				1
EISSTERISTEMECULA	EPN-4	Dry scrubber	Yes	0				1
3868611	CO	Catalytic oxidizer	No	0		0		1
20042411	co	Catalytic oxidizer	No	0		0		
3832911	ws	Wet scrubber	No	1				
3832911	со	Catalytic oxidizer	No	0		0	0	
3832911	DS	Dry scrubber	Yes	0	0	0	1	1
3832911	APCDS	(Uncontrolled)	No	0				0
12847611	ATM	(Uncontrolled)	No	0				0
2707711	E-401	Catalytic oxidizer	No	0		0		1
2707711	E-500-1	(Uncontrolled)	No	0				
2707711	E-500-2	(Uncontrolled)	No	0				
2707711	E-264 and E-265	(Uncontrolled)	No	0				0
2707711	E-258 and E-259	(Uncontrolled)	No	0				
2707711	E-260 and E-261	(Uncontrolled)	No No	0				0
2707711 18809411	E-262 and E-263 CO	(Uncontrolled) Catalytic oxidizer	No No	0				
18809411	EF-6	(Uncontrolled)	No	0				0
18809411	EF-10	(Uncontrolled)	No	0				0
FORTMYERS	ST-1	Dry scrubber	Yes	0				1
FORTMYERS	ST-2	Dry scrubber	Yes	0				1
-	1						_	-

FORTMYERS	SRV	(Uncontrolled)	No	0	0	0	0 0
FORTMYERS	IRV	(Uncontrolled)	No No	0			0 0
12775411	S	Wet scrubber	No	1			0 1
12775411	A	Wet scrubber	No	1			0 1
12775411	V	(Uncontrolled)	No	0			0 0
12775411	ATM	(Uncontrolled)	No	0			0 0
4359211	Stack 1	Catalytic oxidizer	No	C		0	0 1
4359211	Sterilizer Stack	(Uncontrolled)	No	C		0	0 0
ACSTEMPLETERRACE	ST-1	Dry scrubber	Yes	O	0	0	1 1
ACSTEMPLETERRACE	ST-2	Dry scrubber	Yes	C	0	0	1 1
ACSTEMPLETERRACE	ST-3	Dry scrubber	Yes	C	0	0	1 1
ACSTEMPLETERRACE	SRV	(Uncontrolled)	No	C		0	0 (
ACSTEMPLETERRACE	IRV	(Uncontrolled)	No	0		0	0 (
3699811	ST1	Dry scrubber	Yes	C			1 1
3699811	ST2	(Multiple)	Yes	1			1 2
4315911	SC1	Wet scrubber	No	1			0 1
4315911	OX1	Catalytic oxidizer	No	0		0	0 1
	DB1	Dry scrubber	Yes	0			1 1
4315911	DB2	Dry scrubber	Yes	0			1 1
4315911	DB3	Dry scrubber	Yes	0			1 1
4315911	Vent Stack for Scrubber Tanks	(Uncontrolled)	No	0		0	0 0
2534011 2534011	S-CO S-1	Catalytic oxidizer (Uncontrolled)	No No	0			0 0
2534011	S-2	(Uncontrolled)	No	0			0 0
2534011	S-3	(Uncontrolled)	No	0			0 0
	S-4	(Uncontrolled)	No	0			0 0
2534011	S-5	(Uncontrolled)	No	0			0 0
	S-6	(Uncontrolled)	No	0			0 0
2534011	S-7	(Uncontrolled)	No	0			0 0
2534011	S-8	(Uncontrolled)	No	C	0	0	0 (
	RTO-a	Thermal oxidizer	No	O			0 1
2686511	STK1	Dry scrubber	Yes	C			1 1
2686511	STK2	Dry scrubber	Yes	0	0	0	1 1
17953911	RTO-a	Thermal oxidizer	No	0	0	1	0 1
17953911	STK1	Dry scrubber	Yes	0			1 1
17953911	STK2	Dry scrubber	Yes	C			1 1
ACSIA	ST-1	Dry scrubber	Yes	C			1 1
	ST-2	Dry scrubber	Yes	C			1 1
ACSIA	ST-3	Dry scrubber	Yes	0			1 1
ACSIA	ST-4	Dry scrubber	Yes	0			1 1
ACSIA	SRV IRV	(Uncontrolled)	No No	0			0 0
ACSIA 8140511	CS	(Uncontrolled) (Multiple)	Yes	4			1 6
4553311	RSV01	(Multiple)	Yes	1		0	1 2
4553311	HV01	(Multiple)	Yes	1			1 2
4553311	SV01	Dry scrubber	Yes	0			1 1
4553311	SV02	Dry scrubber	Yes	C			1 1
	RV02	Dry scrubber	Yes	C			1 1
4553311	RV03	Dry scrubber	Yes	C	0	0	1 1
4553311	RV04	Dry scrubber	Yes	O	0	0	1 1
4553311	RV05	Dry scrubber	Yes	C	0	0	1 1
4553311	PA01	Dry scrubber	Yes	O			1 1
	PA02	Dry scrubber	Yes	C		_	1 1
4553311	PA03	Dry scrubber	Yes	0			1 1
4553311	PA04	Dry scrubber	Yes	C			1 1
4553311	PA05	Dry scrubber	Yes	0			1 1
4553311	ATM	(Uncontrolled)	No	0			0 0
	EPN-1	Catalytic oxidizer	No	0			0 1
8142611	EPN-2	Dry scrubber	Yes	0			1 1
	EPN-3 EPN-4	Dry scrubber Dry scrubber	Yes	0			1 1
8142611	scrubber stack	'	Yes No	1			1 1
8155611 8155611	#1	Wet scrubber Catalytic oxidizer	No	0			0 1
8155611	ATM	(Uncontrolled)	No No	0			0 0
FUCHS	Scrubber	Wet scrubber	No	1			0 1
FUCHS	EF-Q	(Uncontrolled)	No	0			0 0
FUCHS	CEV	(Uncontrolled)	No	0			0 0
	EF-E	(Uncontrolled)	No	0			0 0
FUCHS	WR	(Uncontrolled)	No	C			0 0
FUCHS	ATM	(Uncontrolled)	No	O			0 0
	D1	(Uncontrolled)	No	O			0 0
	D2	(Uncontrolled)	No	C			0 0
17953511	D3	(Uncontrolled)	No	0			0 (
17953511	D4	(Uncontrolled)	No	C			0 (
17953511	D5	(Uncontrolled)	No	C			0 (
	D6	(Uncontrolled)	No	C			0 0
	E1	Wet scrubber	No	1			0 1
	S1	(Uncontrolled)	No	C			0 0
	D1	(Uncontrolled)	No	C			0 (
	D2	(Uncontrolled)	No	0			0 (
	D3	(Uncontrolled)	No	C	0	0	0 0

[I			_	_	_	-
5997411	D4	·	No	0			0 (
5997411	D5	(Uncontrolled)	No	C			0 (
5997411	D6	(Uncontrolled)	No	C			0 (
5997411	D7	(Uncontrolled)	No	0			0 (
5997411	D8	(Uncontrolled)	No	0			0 (
5997411	D9	(Uncontrolled)	No	0			0 (
5997411	D10	(Uncontrolled)	No	0			0 (
5997411	D11	(Uncontrolled)	No	C			0 (
5997411	D12	(Uncontrolled)	No	0			0 (
5997411	D13	(Uncontrolled)	No	C			0 (
5997411	D14	(Uncontrolled)	No	C			0 (
5997411	D15	(Uncontrolled)	No	C			0 (
5997411	E1	Wet scrubber	No	1			0 1
5997411	S1	(Uncontrolled)	No	C			0 (
6572011	7-0023	Wet scrubber	No	1			0 1
6572011	045-0139-7-0023	(Uncontrolled)	No	0			0 (
7172111	Abator Fan	Catalytic oxidizer	No	0		0	0 1
7172111	EF-515	Catalytic oxidizer	No	C		0	0 1
7172111	EF-510	(Uncontrolled)	No	O	0	0	0 (
7172111	EF-4	(Multiple)	Yes	1	0	0	1
7172111	EF-1	Dry scrubber	Yes	O	0	0	1 1
7172111	GV 01	(Uncontrolled)	No	C	0	0	0 (
6449011	EPN-1	Catalytic oxidizer	No	C	1	0	0 1
6449011	EPN-2	Dry scrubber	Yes	C	0	0	1 1
6449011	EPN-3	Dry scrubber	Yes	C	0	0	1 1
6449011	EPN-4	Dry scrubber	Yes	C	0	0	1 1
EISMEDTRONICFRIDLEY	RCC-EF048_S	Catalytic oxidizer	No	C		0	0 1
EISMEDTRONICFRIDLEY	RCC-EF048_A	(Uncontrolled)	No	C			0 (
EISMEDTRONICFRIDLEY	RCC-EF049 S	Catalytic oxidizer	No	C		0	0 1
EISMEDTRONICFRIDLEY	RCC-EF049 A	(Uncontrolled)	No	C		0	0 (
EISMEDTRONICFRIDLEY	RCE-EF053A S	Catalytic oxidizer	No	0		0	0 1
EISMEDTRONICFRIDLEY	RCE-EF053A A	(Uncontrolled)	No	C			0 (
7703311	CD03	Wet scrubber	No	1			0 1
7703311	E-7	Dry scrubber	Yes	0			1 1
7703311	EODF-1	(Uncontrolled)	No	0			0 0
7703311	EODF-2	(Uncontrolled)	No	0			0 0
7703311	EODF-3	(Uncontrolled)	No	0			0 0
7703311	EODF-4	(Uncontrolled)	No	0			0 0
7703311	EODF-5	·	No	0			0 0
7703311		(Uncontrolled)	No	0			0 0
	EOSF-1	(Uncontrolled)		0			
7703311	VPF-1	(Uncontrolled)	No				
7703311	VPF-2	(Uncontrolled)	No	0			0 (
7703311	CH1F-1	(Uncontrolled)	No	0			0 (
7703311	CH2F-1	(Uncontrolled)	No	0			0 (
7703311	CH3F-1	(Uncontrolled)	No	0			0 (
7703311	CH4F-1	(Uncontrolled)	No	C			0 (
7703311	CH5F-1	(Uncontrolled)	No	0			0 (
7703311	CH6F-1	(Uncontrolled)	No	C			0 (
7703311	CH7F-1	(Uncontrolled)	No	C			0 (
7703311	CH8F-1	(Uncontrolled)	No	C			0 (
7703311	CH9f-1	(Uncontrolled)	No	0			0 (
7703311	CH10F-1	(Uncontrolled)	No	0			0 (
7703311	CH11F-1	(Uncontrolled)	No	C			0 (
7703311	CH12F-1	(Uncontrolled)	No	0	0	0	0 (
7703311	CH13F-1	(Uncontrolled)	No	C	0	0	0 (
7703311	EMF-1	(Uncontrolled)	No	0		0	0 (
7703311	EMF-2	(Uncontrolled)	No	C			0 (
7703311	SCF-1	(Uncontrolled)	No	0			0 (
7703311	SC2F-1	(Uncontrolled)	No	0	0	0	0 (
7703311	STV-1	(Uncontrolled)	No	0	0	0	0 (
ACSMO	ST-1	Dry scrubber	Yes	C	0	0	1 1
ACSMO	ST-2	Dry scrubber	Yes	C			1 1
ACSMO	ST-3	Dry scrubber	Yes	C			1 1
ACSMO	ST-4	Dry scrubber	Yes	C			1 1
ACSMO							0 (
	SRV	(Uncontrolled)	No	C	U		
ACSMO		(Uncontrolled) (Uncontrolled)	No	0			0 (
ACSMO	SRV IRV	(Uncontrolled)	No	0	0	0	
ACSMO 7746311	SRV IRV Stack 1	(Uncontrolled) (Multiple)	No Yes	0	0 2	0	1
ACSMO 7746311 ANSCI	SRV IRV Stack 1 AB	(Uncontrolled) (Multiple) Catalytic oxidizer	No Yes No	0 1 0	0 2 1	0	1 0
ACSMO 7746311 ANSCI 16431311	SRV IRV Stack 1 AB Stack 01	(Uncontrolled) (Multiple) Catalytic oxidizer Catalytic oxidizer	No Yes No No	0 1 0	0 2 1 1	0 0 0	1 4 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ACSMO 7746311 ANSCI 16431311 16431311	SRV IRV Stack 1 AB Stack 01 Gas Dispense Exhaust	(Uncontrolled) (Multiple) Catalytic oxidizer Catalytic oxidizer (Uncontrolled)	No Yes No No	0 1 0 0	0 2 1 1 0	0 0 0 0	1 4 0 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1
ACSMO 7746311 ANSCI 16431311 16431311 16431311	SRV IRV Stack 1 AB Stack 01 Gas Dispense Exhaust Chamber exhaust	(Uncontrolled) (Multiple) Catalytic oxidizer Catalytic oxidizer (Uncontrolled) (Uncontrolled)	No Yes No No No	0 1 0 0 0	0 2 1 1 0 0	0 0 0 0	1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
ACSMO 7746311 ANSCI 16431311 16431311 16431311 16431311	SRV IRV Stack 1 AB Stack 01 Gas Dispense Exhaust Chamber exhaust Sterile Warehouse Exhaust	(Uncontrolled) (Multiple) Catalytic oxidizer Catalytic oxidizer (Uncontrolled) (Uncontrolled) (Uncontrolled)	No Yes No No No No	0 1 0 0 0 0	0 2 1 1 0 0	0 0 0 0 0	1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
ACSMO 7746311 ANSCI 16431311 16431311 16431311 16431311 JPAC	SRV IRV Stack 1 AB Stack 01 Gas Dispense Exhaust Chamber exhaust Sterile Warehouse Exhaust	(Uncontrolled) (Multiple) Catalytic oxidizer Catalytic oxidizer (Uncontrolled) (Uncontrolled) (Uncontrolled) Catalytic oxidizer	No Yes No No No No No No No No No	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 1 1 0 0 0 0	0 0 0 0 0 0	1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
ACSMO 7746311 ANSCI 16431311 16431311 16431311 16431311 JPAC 7518611	SRV IRV Stack 1 AB Stack 01 Gas Dispense Exhaust Chamber exhaust Sterile Warehouse Exhaust 1 STCK1	(Uncontrolled) (Multiple) Catalytic oxidizer Catalytic oxidizer (Uncontrolled) (Uncontrolled) (Uncontrolled) Catalytic oxidizer Catalytic oxidizer	No Yes No	C C C C C C C C C C C C C C C C C C C	0 2 1 1 0 0 0 0	0 0 0 0 0 0	1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
ACSMO 7746311 ANSCI 16431311 16431311 16431311 16431311 JPAC 7518611 7518611	SRV IRV Stack 1 AB Stack 01 Gas Dispense Exhaust Chamber exhaust Sterile Warehouse Exhaust 1 STCK1 STCK2	(Uncontrolled) (Multiple) Catalytic oxidizer Catalytic oxidizer (Uncontrolled) (Uncontrolled) (Uncontrolled) Catalytic oxidizer Catalytic oxidizer Catalytic oxidizer (Uncontrolled)	No Yes No	C C C C C C C C C C C C C C C C C C C	0 2 1 1 0 0 0 0 1 1 1	0 0 0 0 0 0 0	1
ACSMO 7746311 ANSCI 16431311 16431311 16431311 19431311 19440 7518611 7518611 7647011	SRV IRV Stack 1 AB Stack 01 Gas Dispense Exhaust Chamber exhaust Sterile Warehouse Exhaust 1 STCK1 STCK2 STCK1	(Uncontrolled) (Multiple) Catalytic oxidizer Catalytic oxidizer (Uncontrolled) (Uncontrolled) (Uncontrolled) Catalytic oxidizer Catalytic oxidizer (Uncontrolled) Wet scrubber	NO Yes NO	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 1 1 0 0 0 0 1 1	0 0 0 0 0 0 0 0 0	1
ACSMO 7746311 ANSCI 16431311 16431311 16431311 16431311 19PAC 7518611 7518611 7647011	SRV IRV Stack 1 AB Stack 01 Gas Dispense Exhaust Chamber exhaust Sterile Warehouse Exhaust 1 STCK1 STCK2 STCK1 STCK2	(Uncontrolled) (Multiple) Catalytic oxidizer Catalytic oxidizer (Uncontrolled) (Uncontrolled) (Uncontrolled) Catalytic oxidizer Catalytic oxidizer Cutoutrolled) Wet scrubber (Uncontrolled)	NO Yes NO	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 1 1 0 0 0 0 1 1 1 0 0 0	0 0 0 0 0 0 0 0 0	1
ACSMO 7746311 ANSCI 16431311 16431311 16431311 16431311 19AC 7518611 7518611 7647011 7647011	SRV IRV Stack 1 AB Stack 01 Gas Dispense Exhaust Chamber exhaust Sterile Warehouse Exhaust 1 STCK1 STCK2 STCK2 STCK2 STCK3	(Uncontrolled) (Multiple) Catalytic oxidizer Catalytic oxidizer (Uncontrolled) (Uncontrolled) (Uncontrolled) Catalytic oxidizer Catalytic oxidizer (Uncontrolled) Wet scrubber (Uncontrolled) (Uncontrolled) (Uncontrolled)	NO Yes NO	C C C C C C C C C C C C C C C C C C C	0 2 1 1 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	1
ACSMO 7746311 ANSCI 16431311 16431311 16431311 16431311 19AC 7518611 7518611 7647011 7647011 7647011 7647011	SRV IRV Stack 1 AB Stack 01 Gas Dispense Exhaust Chamber exhaust Sterile Warehouse Exhaust 1 STCK1 STCK2 STCK2 STCK4 STCK3 STCK4 STCK4 STCK4	(Uncontrolled) (Multiple) Catalytic oxidizer Catalytic oxidizer (Uncontrolled) (Uncontrolled) (Uncontrolled) Catalytic oxidizer Catalytic oxidizer Culcontrolled) Wet scrubber (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled)	NO Yes NO	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 1 1 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	1
ACSMO 7746311 ANSCI 16431311 16431311 16431311 16431311 19AC 7518611 7518611 7647011 7647011	SRV IRV Stack 1 AB Stack 01 Gas Dispense Exhaust Chamber exhaust Sterile Warehouse Exhaust 1 STCK1 STCK2 STCK2 STCK2 STCK3	(Uncontrolled) (Multiple) Catalytic oxidizer Catalytic oxidizer (Uncontrolled) (Uncontrolled) (Uncontrolled) Catalytic oxidizer Catalytic oxidizer Catalytic oxidizer (Uncontrolled) Wet scrubber (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled)	NO Yes NO	C C C C C C C C C C C C C C C C C C C	0 2 1 1 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	1

	1	T			•		
7647011	STCK7	(Uncontrolled)	No	0			0 (
7647011	STCK8	(Uncontrolled)	No	0			0 (
7647011	STCK9	(Uncontrolled)	No	0			0 (
7647011	ATM	(Uncontrolled)	No	O	0	0	0 (
6721211	EPN-1	Wet scrubber	No	1		0	0 1
6721211	PT5	Wet scrubber	No	1	0	0	0 1
6721211	EPN-2	Dry scrubber	Yes	C	0	0	1 1
6721211	DRDB	Dry scrubber	Yes	C	0	0	1 1
6721211	EPN-3	Dry scrubber	Yes	C	0	0	1 1
6721211	EPN-4	Dry scrubber	Yes	C	0	0	1 1
6721211	EPN-5	Dry scrubber	Yes	O	0	0	1 1
6721211	EPN-6	Dry scrubber	Yes	C			1 1
6721211	EPN-7	Dry scrubber	Yes	C			1 1
6721211	ATM	(Uncontrolled)	No	C			0 (
7582111	Stack S	Wet scrubber	No	1			0 1
7582111	Stack O	Catalytic oxidizer	No	0		0	0 1
7582111	ST1 2	Dry scrubber	Yes	0			1 1
7582111	ST3 4	Dry scrubber	Yes	0			1 1
7582111	ST5_6	Dry scrubber	Yes	0			1 1
7582111	ST7	Dry scrubber	Yes	0			1 1
7582111	HCDV	Dry scrubber	Yes	0			1 1
				0			
7582111	SRV	Dry scrubber	Yes				
7582111	G2FEV	Dry scrubber	Yes	0			1 1
7582111	NOAPCDRV	Dry scrubber	Yes	0			1 1
5148911	16-0219stack	Wet scrubber	No	1			0 1
5148911	AAir16-0219ATM	(Uncontrolled)	No	0			0 (
LIS	E0001	(Multiple)	Yes	1		0	1
8409411	ST1	Wet scrubber	No	1			0 1
8409411	ST2	Catalytic oxidizer	No	0		0	0 1
8409411	EF8	Dry scrubber	Yes	0			1 1
8409411	EF7	Dry scrubber	Yes	O			1 1
8409411	EF2	Dry scrubber	Yes	O	0	0	1 1
8409411	EF4	Dry scrubber	Yes	C	0	0	1 1
8409411	EF3	Dry scrubber	Yes	C	0	0	1 1
8409411	EF6	Dry scrubber	Yes	C	0	0	1 1
8409411	EF5	Dry scrubber	Yes	C	0	0	1 1
8409411	EF1	Dry scrubber	Yes	C	0	0	1 1
8409411	EF11	Dry scrubber	Yes	C	0	0	1 1
8409411	EF10	Dry scrubber	Yes	C	0	0	1 1
8409411	EF9	Dry scrubber	Yes	C	0	0	1 1
8409411	ATM	(Uncontrolled)	No	O	0	0	0 (
ACSOH	ST-1	Dry scrubber	Yes	C			1
ACSOH	ST-2	Dry scrubber	Yes	C			1 1
ACSOH	ST-3	Dry scrubber	Yes	0			1 1
ACSOH	SRV	(Uncontrolled)	No	0			0 0
1047511	14442	Wet scrubber	No	1			0 1
1047511	ATM	(Uncontrolled)	No	0			0 (
14657611	STCK1	Catalytic oxidizer	No	0		0	0 1
14657611	STCK2	Dry scrubber	Yes	0			1 1
14657611		Dry scrubber		0			
	STCK3	•	Yes				
14657611	STCK4	(Uncontrolled)	No	0			0 (
14657611	STCK5	(Uncontrolled)	No	C			0 (
14657611	STCK6	(Uncontrolled)	No	0		0	0 (
14657611	STCK7	(Uncontrolled)	No	0			0 (
14657611	STCK8	(Uncontrolled)	No	C			0 (
14657611	STCK9	(Uncontrolled)	No	C			0 (
14657611	STCK10	(Uncontrolled)	No	C			0 (
14657611	STCK11	(Uncontrolled)	No	C			0 (
14657611	ICTCI/12	(Uncontrolled)	No			0	0 (
	STCK12			C			
14657611	STCK13	(Uncontrolled)	No	C	0	0	0 (
14657611 14657611	STCK13 STCK14		No No	0	0	0	0 (
14657611	STCK13 STCK14 STCK15	(Uncontrolled)	No No No	0	0 0	0	0 (
14657611 14657611	STCK13 STCK14	(Uncontrolled) (Uncontrolled)	No No	0 0 0 0	0 0 0	0 0 0	0 0
14657611 14657611 14657611	STCK13 STCK14 STCK15	(Uncontrolled) (Uncontrolled) (Uncontrolled)	No No No	0	0 0 0	0 0 0	0 (
14657611 14657611 14657611 3765611	STCK13 STCK14 STCK15 S101	(Uncontrolled) (Uncontrolled) (Uncontrolled) Wet scrubber	No No No No	0 0 0 0	0 0 0 0	0 0 0 0	0 0
14657611 14657611 14657611 3765611 3765611	STCK13 STCK14 STCK15 5101 5102	(Uncontrolled) (Uncontrolled) (Uncontrolled) Wet scrubber Dry scrubber	No No No No Yes	0 0 0 1	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1
14657611 14657611 14657611 3765611 3765611 3765611	STCK13 STCK14 STCK15 S101 S102 S103	(Uncontrolled) (Uncontrolled) (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled)	No No No No Yes	0 C C C C C C C C C C C C C C C C C C C	0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
14657611 14657611 14657611 3765611 3765611 3765611 3765611	STCK13 STCK14 STCK15 S101 S102 S103 ATM	(Uncontrolled) (Uncontrolled) (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled)	No No No No Yes No	0 0 0 1 1 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
14657611 14657611 14657611 3765611 3765611 3765611 3765611 ACSPA	STCK13 STCK14 STCK15 S101 S102 S103 ATM ST-1	(Uncontrolled) (Uncontrolled) (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) (Uncontrolled) Dry scrubber	No No No No Yes No No Yes	0 C C C C C C C C C C C C C C C C C C C	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
14657611 14657611 14657611 3765611 3765611 3765611 3765611 ACSPA ACSPA	STCK13 STCK14 STCK15 S101 S102 S103 ATM ST-1 ST-2	(Uncontrolled) (Uncontrolled) (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) Dry scrubber Dry scrubber Dry scrubber	No No No No Yes No Yes Yes	0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
14657611 14657611 14657611 3765611 3765611 3765611 3765611 ACSPA ACSPA ACSPA	STCK13 STCK14 STCK15 S101 S102 S103 ATM ST-1 ST-2 ST-2 ST-3 SRV	(Uncontrolled) (Uncontrolled) (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) Dry scrubber Dry scrubber Dry scrubber (Uncontrolled) (Uncontrolled)	No No No No Yes No Yes Yes Yes No	C C C C C C C C C C C C C C C C C C C	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
14657611 14657611 14657611 3765611 3765611 3765611 3765611 ACSPA ACSPA ACSPA ACSPA 6982311	STCK13 STCK14 STCK15 S101 S102 S103 ATM ST-1 ST-2 ST-3 SRV Wet Scrubber stack	(Uncontrolled) (Uncontrolled) (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) Dry scrubber Dry scrubber Dry scrubber Uncontrolled) (Uncontrolled) Uncontrolled) Uncontrolled) Uncontrolled) (Multiple)	NO NO NO NO Yes NO NO Yes NO NO Yes Yes Yes Yes Yes NO Yes	0 C C C C C C C C C C C C C C C C C C C	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
14657611 14657611 14657611 3765611 3765611 3765611 3765611 ACSPA ACSPA ACSPA ACSPA 6982311	STCK13 STCK14 STCK15 S101 S102 S103 ATM ST-1 ST-2 ST-3 SRV Wet Scrubber stack Dry-Bed stack	(Uncontrolled) (Uncontrolled) (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) Dry scrubber Dry scrubber Dry scrubber Dry scrubber (Uncontrolled) (Multiple) Dry scrubber	NO NO NO NO Yes NO NO Yes NO Yes Yes Yes Yes Yes Yes Yes	0 C C C C C C C C C C C C C C C C C C C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
14657611 14657611 14657611 3765611 3765611 3765611 3765611 ACSPA ACSPA ACSPA ACSPA G982311 6982311	STCK13 STCK14 STCK15 S101 S102 S103 ATM ST-1 ST-2 ST-3 SRV Wet Scrubber stack Dry-Bed stack W400_EF1	(Uncontrolled) (Uncontrolled) (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) Dry scrubber Dry scrubber Dry scrubber Dry scrubber (Uncontrolled) (Multiple) Dry scrubber (Uncontrolled)	NO NO NO NO Yes NO NO Yes NO NO Yes Yes Yes Yes NO NO Yes	C C C C C C C C C C C C C C C C C C C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
14657611 14657611 14657611 3765611 3765611 3765611 3765611 ACSPA ACSPA ACSPA ACSPA ACSPA 6982311 6982311 6982311	STCK13 STCK14 STCK15 S101 S102 S103 ATM ST-1 ST-2 ST-3 SRV Wet Scrubber stack Dry-Bed stack W400_EF1 W400_EF2	(Uncontrolled) (Uncontrolled) (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) Dry scrubber Dry scrubber Dry scrubber Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled)	No No No No Yes No No Yes Yes Yes Yes Yes No	C C C C C C C C C C C C C C C C C C C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
14657611 14657611 14657611 3765611 3765611 3765611 3765611 ACSPA ACSPA ACSPA ACSPA 6982311 6982311 6982311 6982311	\$TCK13 \$TCK14 \$TCK15 \$101 \$102 \$103 ATM \$5T-1 \$5T-2 \$5T-3 \$RV Wet Scrubber stack Dry-Bed stack W400_EF1 W400_EF2 W500_EF1	(Uncontrolled) (Uncontrolled) (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) Dry scrubber Dry scrubber Dry scrubber Uncontrolled) (Uncontrolled) (Multiple) Dry scrubber (Uncontrolled) (Multiple) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled)	No No No No Yes Yes Yes Yes No No Yes Yes Yos No No Yes	C C C C C C C C C C C C C C C C C C C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
14657611 14657611 14657611 3765611 3765611 3765611 3765611 ACSPA ACSPA ACSPA ACSPA 6982311 6982311 6982311 6982311 6982311	\$TCK13 \$TCK14 \$TCK15 \$101 \$102 \$103 ATM \$T-1 \$T-2 \$T-3 \$RV Wet Scrubber stack Dry-Bed stack W400_EF1 W400_EF2 W500_EF1 W500_EF2	(Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) Dry scrubber Dry scrubber Dry scrubber (Uncontrolled) (Multiple) Dry scrubber (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled)	NO NO NO NO NO Yes NO NO Yes Yes Yes Yes NO NO Yes NO NO Yes	C C C C C C C C C C C C C C C C C C C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
14657611 14657611 14657611 3765611 3765611 3765611 3765611 3765611 ACSPA ACSPA ACSPA ACSPA 6982311 6982311 6982311 6982311 6982311 6982311 6982311	\$TCK13 \$TCK14 \$TCK15 \$101 \$102 \$103 ATM \$T-1 \$T-2 \$T-3 \$RV Wet Scrubber stack Dry-Bed stack W400_EF1 W400_EF2 W500_EF1 W500_EF2 W500_EF3	(Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) Dry scrubber Dry scrubber Dry scrubber (Uncontrolled) (Multiple) Dry scrubber (Uncontrolled)	NO NO NO NO Yes NO NO Yes Yes Yes Yes NO NO Yes You NO You NO NO NO NO NO NO	C C C C C C C C C C C C C C C C C C C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
14657611 14657611 14657611 3765611 3765611 3765611 3765611 3765611 ACSPA ACSPA ACSPA ACSPA 6982311 6982311 6982311 6982311 6982311 6982311 6982311 6982311 6982311 6982311	STCK13 STCK14 STCK15 S101 S102 S103 ATM ST-1 ST-2 ST-3 SRV Wet Scrubber stack Dry-Bed stack W400_EF1 W400_EF2 W500_EF1 W500_EF2 W500_EF3 W500_EF4	(Uncontrolled) (Uncontrolled) (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) Dry scrubber Dry scrubber Dry scrubber Uncontrolled) (Multiple) Dry scrubber (Uncontrolled)	NO NO NO NO Yes NO NO Yes Yes Yes Yes NO NO Yes You NO You NO	C C C C C C C C C C C C C C C C C C C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
14657611 14657611 14657611 3765611 3765611 3765611 3765611 3765611 ACSPA ACSPA ACSPA 6982311 6982311 6982311 6982311 6982311 6982311 6982311 6982311 6982311 6982311 6982311 6982311	STCK13 STCK14 STCK15 S101 S102 S103 ATM ST-1 ST-2 ST-3 STRV Wet Scrubber stack Dry-Bed stack W400_EF1 W400_EF2 W500_EF1 W500_EF2 W500_EF3 W500_EF4 W500_EF5	(Uncontrolled) (Uncontrolled) (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) Dry scrubber Dry scrubber Dry scrubber Dry scrubber Uncontrolled) (Multiple) Dry scrubber (Uncontrolled)	NO NO NO NO Ves NO NO Yes Yes Yes Yes NO	C C C C C C C C C C C C C C C C C C C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
14657611 14657611 14657611 3765611 3765611 3765611 3765611 3765611 ACSPA ACSPA ACSPA ACSPA ACSPA 6982311 6982311 6982311 6982311 6982311 6982311 6982311 6982311 6982311	STCK13 STCK14 STCK15 S101 S102 S103 ATM ST-1 ST-2 ST-3 SRV Wet Scrubber stack Dry-Bed stack W400_EF1 W400_EF2 W500_EF1 W500_EF2 W500_EF3 W500_EF4	(Uncontrolled) (Uncontrolled) (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) Dry scrubber Dry scrubber Dry scrubber Uncontrolled) (Multiple) Dry scrubber (Uncontrolled)	NO NO NO NO Yes NO NO Yes Yes Yes Yes NO NO Yes You NO You NO	C C C C C C C C C C C C C C C C C C C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

6982311 VV 6982311 VY 6982311 S 17622611 A 17622611 E 18934511 S 18934511 E CUSTOMED VC CUSTOMED C CUSTOMED C CUSTOMED C CUSTOMED C TOWNED CUSTOMED C TOWNED CUSTOMED C TOWNED COUSTOMED C TOWNED	DS DEV vent Chamber room vent stack EF-601/EF-602_S EF-601/EF-602_A TO_SCV TO_ARV SXLe-20_S SXLe-21_S SXLe-22_S SXLe-23_S	(Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) Catalytic oxidizer (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) Talytic oxidizer (Uncontrolled) (Uncontrolled) Thermal oxidizer Cuncontrolled) Thermal oxidizer Catalytic oxidizer Catalytic oxidizer Catalytic oxidizer	No N	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 1 0
6982311 VV 6982311 S 17622611 A 17622611 E 18934511 S 18934511 E CUSTOMED V CUSTOMED C CUSTOMED C CUSTOMED C MPROCJUNCOS E MPROCJUNCOS E 15515811 T 15515811 T MPROCVILLALBA S	W1100_EF5 ST vent Abator Stack EF-7000-2 Stack Lesni Exhaust Fan WS DS EEV vent ECHAPMER TOOM vent stack EF-601/EF-602_S EF-601/EF-602_A TO_SCV TO_ARV SXLe-20_S SXLe-21_S SXLe-23_S	(Uncontrolled) (Uncontrolled) (Uncontrolled) Catalytic oxidizer (Uncontrolled) Catalytic oxidizer (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) (Uncontrolled) (Uncontrolled) Catalytic oxidizer (Uncontrolled) Thermal oxidizer Thermal oxidizer Catalytic oxidizer Catalytic oxidizer Catalytic oxidizer	NO N	0 0 0 0 0 0 0 1 1 0 0 0	0 0 1 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 1 0 1 0
6982311 S 17622611 A 17622611 E 18934511 S 18934511 E CUSTOMED V CUSTOMED C CUSTOMED C CUSTOMED C CUSTOMED C MPROCJUNCOS E MPROCVILLALBA S	ST vent Abator Stack EF-7000-2 Stack Lesni Exhaust Fan WS OS EEV vent Chamber room vent stack EF-601/EF-602_S EF-601/EF-602_A TO_SCV TO_ARV SXLe-20_S SXLe-21_S SXLe-23_S	(Uncontrolled) Catalytic oxidizer (Uncontrolled) Catalytic oxidizer (Uncontrolled) (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) (Uncontrolled) Catalytic oxidizer (Uncontrolled) Thermal oxidizer Thermal oxidizer Catalytic oxidizer Catalytic oxidizer	NO N	0 0 0 0 0 0 1 1 0 0 0	0 1 0 1 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1	0 1 0 1 0
17622611	Abator Stack EF-7000-2 Stack Lesni Exhaust Fan WS OS EEV vent Chamber room vent stack EF-601/EF-602_S EF-601/EF-602_A TO_SCV TO_ARV StALe-20_S SKLe-21_S SKLe-23_S	Catalytic oxidizer (Uncontrolled) Catalytic oxidizer (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) (Uncontrolled) Catalytic oxidizer (Uncontrolled) Thermal oxidizer Thermal oxidizer Catalytic oxidizer Catalytic oxidizer	No N	0 0 0 0 1 1 0 0 0	1 0 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 1 0	1 0 1 0
17622611 E	EF-7000-2 Stack Lesni Exhaust Fan WS DS EEV vent Chamber room vent stack EF-601/EF-602_S EF-601/EF-602_A TO_SCV TO_ARV SKLe-20_S SKLe-21_S SKLe-23_S	(Uncontrolled) Catalytic oxidizer (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) Catalytic oxidizer (Uncontrolled) Thermal oxidizer Thermal oxidizer Catalytic oxidizer Catalytic oxidizer	No No No No Yes No No No No No No No No	0 0 0 1 1 0 0 0	0 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 1 1 0	0 1 0
18934511 S 18934511 E CUSTOMED V CUSTOMED CUSTOMED	Stack Lesni Exhaust Fan WS DS DEV vent Chamber room vent stack EF-601/EF-602_S EF-601/EF-602_A TO_SCV TO_ARV StXLe-20_S StXLe-21_S StXLe-23_S	Catalytic oxidizer (Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) (Catalytic oxidizer (Uncontrolled) Thermal oxidizer Thermal oxidizer Catalytic oxidizer Catalytic oxidizer	No No No Yes No No No No No No	0 0 1 0 0 0 0 0	1 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 1 0	1
18934511	Exhaust Fan WS DS CEV vent Chamber room vent stack EF-601/EF-602_S EF-601/EF-602_A TO_SCV TO_ARV SXLe-20_S SXLe-21_S SXLe-23_S	(Uncontrolled) Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) Catalytic oxidizer (Uncontrolled) Thermal oxidizer Catalytic oxidizer Catalytic oxidizer Catalytic oxidizer	No No Yes No No No No No No No	0 1 0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 1 0	0
CUSTOMED V CUSTOMED D CUSTOMED C CUSTOMED C MPROCJUNCOS E MPROCJUNCOS E 15515811 T MPROCVILLALBA 5	WS DS CEV vent Chamber room vent stack EF-601/EF-602_S EF-601/EF-602_A TO_SCV TO_ARV SXLe-20_S SXLe-21_S SXLe-23_S SXLe-23_S	Wet scrubber Dry scrubber (Uncontrolled) (Uncontrolled) Catalytic oxidizer (Uncontrolled) Thermal oxidizer Thermal oxidizer Catalytic oxidizer Catalytic oxidizer	No Yes No No No No No	1 0 0 0 0 0	0 0 0 0	0 0 0 0	0 1 0 0	
CUSTOMED CUSTOMED CUSTOMED CUSTOMED MPROCJUNCOS E MPROCJUNCOS E 15515811 T 15515811 T MPROCVILLALBA S MPROCVILLALBA	DS DEV vent Chamber room vent stack EF-601/EF-602_S EF-601/EF-602_A TO_SCV TO_ARV SXLe-20_S SXLe-21_S SXLe-22_S SXLe-23_S	Dry scrubber (Uncontrolled) (Uncontrolled) Catalytic oxidizer (Uncontrolled) Thermal oxidizer Thermal oxidizer Catalytic oxidizer Catalytic oxidizer	Yes No No No No No	0 0 0 0	0 0 0 1	0 0 0	1 0 0	1
CUSTOMED C CUSTOMED C CUSTOMED C MPROCJUNCOS E MPROCJUNCOS E 15515811 T 15515811 T MPROCVILLALBA 5	CEV vent Chamber room vent stack EF-601/EF-602_S EF-601/EF-602_A FO_SCV FO_ARV SXLe-20_S SXLe-21_S SXLe-22_S SXLe-23_S	(Uncontrolled) (Uncontrolled) Catalytic oxidizer (Uncontrolled) Thermal oxidizer Thermal oxidizer Catalytic oxidizer Catalytic oxidizer	No No No No	0 0 0	0 0 1	0 0	0	- 1
CUSTOMED C MPROCJUNCOS E MPROCJUNCOS E 15515811 T 15515811 T MPROCVILLALBA 5	Chamber room vent stack EF-601/EF-602_S EF-601/EF-602_A FO_SCV FO_ARV SSUE-20_S SSUE-20_S SSUE-21_S SSUE-22_S SSUE-23_S	(Uncontrolled) Catalytic oxidizer (Uncontrolled) Thermal oxidizer Thermal oxidizer Catalytic oxidizer Catalytic oxidizer	No No No No	0 0 0	0	0	0	0
MPROCJUNCOS E MPROCJUNCOS E 15515811 T 15515811 T MPROCVILLALBA 5	EF-601/EF-602_S EF-601/EF-602_A TO_SCV TO_ARV StxLe-20_S SXLe-21_S SXLe-22_S SXLe-23_S	Catalytic oxidizer (Uncontrolled) Thermal oxidizer Thermal oxidizer Catalytic oxidizer Catalytic oxidizer	No No No	0	1	0		0
MPROCJUNCOS E 15515811 T 15515811 T MPROCVILLALBA 5	F-601/EF-602_A TO_SCV TO_ARV SXLe-20_S SXLe-21_S SXLe-22_S SXLe-23_S	(Uncontrolled) Thermal oxidizer Thermal oxidizer Catalytic oxidizer Catalytic oxidizer	No No	0				1
15515811 T 15515811 T MPROCVILLALBA 5 MPROCVILLALBA 5 MPROCVILLALBA 5 MPROCVILLALBA 5 MPROCVILLALBA 5 MPROCVILLALBA 5 MPROCVILLALBA 5 MPROCVILLALBA 5	TO_SCV TO_ARV SXLe-20_S SXLe-21_S SXLe-22_S SXLe-23_S	Thermal oxidizer Thermal oxidizer Catalytic oxidizer Catalytic oxidizer	No			0	0	0
15515811 T MPROCVILLALBA 5	TO_ARV SXLe-20_S SXLe-21_S SXLe-22_S SXLe-23_S	Thermal oxidizer Catalytic oxidizer Catalytic oxidizer					0	1
MPROCVILLALBA 5	SXLe-20_S SXLe-21_S SXLe-22_S SXLe-23_S	Catalytic oxidizer Catalytic oxidizer		0			0	1
MPROCVILLALBA 5 MPROCVILLALBA 5 MPROCVILLALBA 5 MPROCVILLALBA 5 MPROCVILLALBA 5 MPROCVILLALBA 5	SXLe-21_S SXLe-22_S SXLe-23_S	Catalytic oxidizer	No	0		0	0	1
MPROCVILLALBA 5 MPROCVILLALBA 5 MPROCVILLALBA 5 MPROCVILLALBA 5 MPROCVILLALBA 5	SXLe-22_S SXLe-23_S		No	0		0	0	1
MPROCVILLALBA 5 MPROCVILLALBA 5 MPROCVILLALBA 5 MPROCVILLALBA 5	SXLe-23_S	COLORVIIC UXIUIZEI	No	0		0	0	1
MPROCVILLALBA 5 MPROCVILLALBA 5 MPROCVILLALBA 5	_		No	0		0	0	1
MPROCVILLALBA 5 MPROCVILLALBA 5	MEC E 1_0		No	0		0	0	1
MPROCVILLALBA 5	SXLe-25 S		No	0		0	0	1
	5XLe-26 S		No	0		0	0	1
IIVII NOCVILLALDA	5XLe-27 S		No	0		0	0	1
	5XLe-31 S		No	0		0	0	1
	_		No	0		0	0	1
	5XLe-51 S		No	0		0	0	1
	5XLe-52 S		No	0		0	0	1
	5XLe-53 S		No	0		0	0	1
	5XLe-54 S		No	0		0	0	1
	_		No	0		0	0	1
	SXLe-56 S		No	0		0	0	1
	SXLe-57 S		No	0		0	0	1
	SXLe-72 S		No	0		0	0	1
	5XLe-45 S		No	0		0	0	1
	_		No	0		0	0	1
	5XLe-45 S		No	0		0	0	1
	SXLe-35 S		No	0		0	0	1
	SXLe-38 S		No	0		0	0	1
	SXLe-39 S		No	0		0	0	1
	SXLe-20 A		No	0			0	0
	SXLe-21 A		No	0			0	0
	SXLe-22 A	,	No	0			0	0
	SXLe-23 A		No	0	0	0	0	0
	SXLe-24 A		No	0	0	0	0	0
	SXLe-25 A	(Uncontrolled)	No	0	0	0	0	0
	SXLe-26 A		No	0	0	0	0	0
	SXLe-27 A	(Uncontrolled)	No	0	0	0	0	0
MPROCVILLALBA 5	SXLe-31 A	(Uncontrolled)	No	0	0	0	0	0
MPROCVILLALBA 5	SXLe-37 A	(Uncontrolled)	No	0	0	0	0	0
MPROCVILLALBA 5	SXLe-51 A	(Uncontrolled)	No	0	0	0	0	0
MPROCVILLALBA 5	SXLe-52 A	(Uncontrolled)	No	0	0	0	0	0
MPROCVILLALBA 5	SXLe-53_A	(Uncontrolled)	No	0	0	0	0	0
MPROCVILLALBA 5	SXLe-54_A	(Uncontrolled)	No	0	0	0	0	0
MPROCVILLALBA 5	SXLe-55_A	(Uncontrolled)	No	0	0	0	0	0
MPROCVILLALBA 5	SXLe-56_A	(Uncontrolled)	No	0	0	0	0	0
MPROCVILLALBA 5	5XLe-57_A	(Uncontrolled)	No	0	0	0	0	0
MPROCVILLALBA 5	SXLe-72_A	(Uncontrolled)	No	0	0	0	0	0
MPROCVILLALBA 5	SXLe-45_A	(Uncontrolled)	No	0	0	0	0	0
MPROCVILLALBA 5	5XLe-44_A	·	No	0			0	0
	SXLe-45_A	(Uncontrolled)	No	0	0	0	0	0
MPROCVILLALBA 5	SXLe-35_A	(Uncontrolled)	No	0		0	0	0
MPROCVILLALBA 5	5XLe-38_A	(Uncontrolled)	No	0	0	0	0	0
MPROCVILLALBA 5	SXLe-39_A	(Uncontrolled)	No	0	0	0	0	0
6560811 S	601	(Multiple)	Yes	1		0	1	2
6560811 E	EF-8	Dry scrubber	Yes	0			1	1
	Drum Room Stack	·	No	0			0	0
	Main Stack		No	0			0	0
	APCS stack	,	No	0			0	0
			No	1			0	1
			No	0		0	0	1
		Dry scrubber	Yes	0			1	1
		Dry scrubber	Yes	0			1	1
		Dry scrubber	Yes	0			1	1
	ATM	,	No	0			0	0
			No	0		0	0	1
			No	1			0	1
	Oxidizer Stack	•	No	0			0	1
	CH Back Vent	,	No	0			0	0
	EO gas room vent	,	No	0			0	0
2845011 C	Chamber 2 Room Vent	(Uncontrolled)	No	0	0	0	0	0

[т	I						
2845011	Chamber 3 Room Vent	(Uncontrolled)	No	(0	
2845011	Chamber 2 Door Vent	(Uncontrolled)	No	(0	0
2845011 2845011	Chamber 3 Door Vent	(Uncontrolled)	No No	(0	
2845011	quarantine corridor vent	(Uncontrolled)	No	(0	
3082511	Waste tank vent 1135P7	(Uncontrolled) (Uncontrolled)	No				0	
3082511	1135P8	(Uncontrolled)	No				0	0
3082511	1135P9	(Uncontrolled)	No				0	0
3082511	1135P10	(Uncontrolled)	No				0	
3082511	1135P11	(Uncontrolled)	No	(0	0
3082511	1135P12	(Uncontrolled)	No	(0	0
3082511	1135P13	(Uncontrolled)	No	(0	
3082511	1135P14	(Uncontrolled)	No	(0	0	0	0
3082511	1135P15	(Uncontrolled)	No	(0	0	0	0
3082511	1135P16	(Uncontrolled)	No	(0	0	0	0
3082511	1135P17	(Uncontrolled)	No	(0	0	0	0
3082511	1135P18	(Uncontrolled)	No	(0	0	0	0
3082511	1135P19	(Uncontrolled)	No	(0	0
3082511	1135P20	(Uncontrolled)	No	(0	_
3082511	1135P21	(Uncontrolled)	No	(0	
3082511	1135P22	(Uncontrolled)	No	(0	
3082511	1135P23	(Uncontrolled)	No	(0	
3082511	1135P24	(Uncontrolled)	No	(0	0
3082511	1135P25	(Uncontrolled)	No	(0	0	_
3082511	1135P26	(Uncontrolled)	No	(0	
3082511	1135P27	(Uncontrolled)	No	(0	
3082511	1135P28	(Uncontrolled)	No No	(0	0
3082511	1135P29	(Uncontrolled) (Uncontrolled)	No No	(0	0
3082511	1135P30	·	No No	(0	
3082511 3082511	1135P31 1135P32	(Uncontrolled)	No No	(0	0	0 2
STERITEC	1	(Multiple) Thermal oxidizer	No No	(0	
STERITEC	ATM A	(Uncontrolled)	No				0	0
STERITEC	ATM_A	(Uncontrolled)	No			0	0	
STERITEC	ATM_CE	(Uncontrolled)	No	(0	
STERITEC	ATM_DD	(Uncontrolled)	No				0	
STERITEC	ATM_SW	(Uncontrolled)	No				0	0
DYNATEC	Stack 1	Catalytic oxidizer	No			0	0	
							0	
13049411	IFPN 1	IWet scrubber	INο					
3049411 3049411	EPN 1	Wet scrubber Catalytic oxidizer	No No	1				1
3049411	EPN 2	Catalytic oxidizer	No	(1	0	0	
3049411 3049411	EPN 2 EPN 3	Catalytic oxidizer Catalytic oxidizer	No No	(1	0	0	1
3049411 3049411 3049411	EPN 2	Catalytic oxidizer Catalytic oxidizer Dry scrubber	No No Yes	(1 1 0 0	0 0	0	1
3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed	Catalytic oxidizer Catalytic oxidizer	No No	(1 1 0 0 0 0	0 0	0 0	1
3049411 3049411 3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13	Catalytic oxidizer Catalytic oxidizer Dry scrubber Dry scrubber	No No Yes Yes	(1 1 0 0 0 0 0	0 0 0 0	0 0 1 1	1 1 1
3049411 3049411 3049411 3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14	Catalytic oxidizer Catalytic oxidizer Dry scrubber Dry scrubber Dry scrubber	No No Yes Yes Yes		1 1 0 0 0 0 0 0	0 0 0 0	0 0 1 1	1 1 1
3049411 3049411 3049411 3049411 3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15	Catalytic oxidizer Catalytic oxidizer Dry scrubber Dry scrubber Dry scrubber Dry scrubber Dry scrubber	No No Yes Yes Yes Yes		1 1 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 1 1 1 1	1 1 1 1
3049411 3049411 3049411 3049411 3049411 3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16	Catalytic oxidizer Catalytic oxidizer Dry scrubber Dry scrubber Dry scrubber Dry scrubber Dry scrubber	No No Yes Yes Yes Yes Yes		1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1	1 1 1 1 1 1
3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17	Catalytic oxidizer Catalytic oxidizer Dry scrubber	No No Yes Yes Yes Yes Yes Yes		1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1
3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18	Catalytic oxidizer Catalytic oxidizer Dry scrubber	No No Yes		1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1
3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP	Catalytic oxidizer Catalytic oxidizer Dry scrubber Ury scrubber Dry scrubber Dry scrubber	No No Yes		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4	Catalytic oxidizer Catalytic oxidizer Dry scrubber (Uncontrolled) Wet scrubber	No No Yes Yes Yes Yes Yes Yes Yes Yes You No No		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5	Catalytic oxidizer Catalytic oxidizer Dry scrubber Ury scrubber Dry scrubber Ury scrubber Ury scrubber Ury scrubber Ury scrubber	No No Yes Yes Yes Yes Yes Yes Yes Yes Your No No No		1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 1 0 0	1 1 1 1 1 1 1 1 1 1 1 1 0 0
3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 5 EPN 7	Catalytic oxidizer Catalytic oxidizer Dry scrubber Ury scrubber Dry scrubber Ury scrubber Ury scrubber Uncontrolled) Wet scrubber Wet scrubber Dry scrubber	No No Yes Yes Yes Yes Yes Yes Yes Yes No No No Yes		1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 1 1 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 0
3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8	Catalytic oxidizer Catalytic oxidizer Dry scrubber Ury scrubber Dry scrubber Dry scrubber Dry scrubber Dry scrubber Dry scrubber Uncontrolled) Wet scrubber Wet scrubber Dry scrubber	No No Yes Yes Yes Yes Yes Yes Yes Yes You No No No Yes Yes Yes		1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 1 0 0	1 1 1 1 1 1 1 1 1 1 1 0 0
3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 7	Catalytic oxidizer Catalytic oxidizer Dry scrubber Uncontrolled) Wet scrubber Wet scrubber Dry scrubber Dry scrubber Dry scrubber Dry scrubber	No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No Yes Yes Yes Yes		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 1 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 7 EPN 8 EPN 9 EPN 9	Catalytic oxidizer Catalytic oxidizer Dry scrubber Uncontrolled) Wet scrubber Dry scrubber	No No Yes Yes Yes Yes Yes Yes Yes Yes No No No No Yes Yes Yes Yes		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 1 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 9 EPN 10	Catalytic oxidizer Catalytic oxidizer Dry scrubber Uncontrolled) Wet scrubber Wet scrubber Dry scrubber	No No Yes Yes Yes Yes Yes Yes Yes Yes No No No No Yes Yes Yes Yes Yes Yes Yes		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 9 EPN 10 EPN 11 EPN 11 EPN 11	Catalytic oxidizer Catalytic oxidizer Dry scrubber	No No Yes		1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 9 EPN 10 EPN 10 EPN 10 EPN 10 EPN 10 EPN 11 EPN 11 EPN 12 ATM_DH	Catalytic oxidizer Catalytic oxidizer Dry scrubber Uncontrolled) Wet scrubber Dry scrubber	No No Yes		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 10 EPN 10 EPN 11 EPN 12 ATM_DH EPN-1	Catalytic oxidizer Catalytic oxidizer Dry scrubber Uncontrolled) Wet scrubber Dry scrubber Ury scrubber	No No Yes		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 10 EPN 11 EPN 12 ATM_OH EPN-1	Catalytic oxidizer Catalytic oxidizer Dry scrubber Uncontrolled) Wet scrubber Dry scrubber Ury scrubber Dry scrubber Dry scrubber Dry scrubber Dry scrubber Dry scrubber Uncontrolled) Wet scrubber Wet scrubber	No No Yes		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 10 EPN 11 EPN 11 EPN 12 ATM_DH EPN-1 EPN-1 EPN-1 EPN-1 EPN-2 EPN-3	Catalytic oxidizer Catalytic oxidizer Dry scrubber Uncontrolled) Wet scrubber Dry scrubber Uncontrolled) Wet scrubber Dry scrubber	No No Yes Yes Yes Yes Yes Yes Yes Yes No No No No Yes Yes Yes Yes No		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 10 EPN 11 EPN 10 EPN 11 EPN 12 EPN 12 EPN 12 EPN 12 EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 18 EPN 19 EPN 10 EPN 10 EPN 11 EPN 12 EPN 12 EPN 12 EPN 12 EPN 12 EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 10 EPN 10 EPN 11 EPN 12 EPN 12 EPN 12 EPN 12 EPN 13 EPN 14	Catalytic oxidizer Catalytic oxidizer Dry scrubber Uncontrolled) Wet scrubber Dry scrubber	No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No Yes		1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 11 EPN 11 EPN 12 ATM_DH EPN-1 EPN-2 EPN-2 EPN-2 EPN-3 EPN-4 EPN-5	Catalytic oxidizer Catalytic oxidizer Dry scrubber Uncontrolled) Wet scrubber Dry scrubber	No No Yes		1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 3049411	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 11 EPN 12 ATM_DH EPN 12 EPN-1 EPN-1 EPN-2 EPN-3 EPN-4 EPN-5 EPN-6	Catalytic oxidizer Catalytic oxidizer Dry scrubber Wet scrubber Dry scrubber	No No Yes		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 6888911 6888911 6888911 6888911 6888911 6888911 6888911	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 10 EPN 11 EPN 12 ATM_DH EPN-1 EPN-2 EPN-3 EPN-3 EPN-4 EPN-5 EPN-6 EPN-7	Catalytic oxidizer Catalytic oxidizer Catalytic oxidizer Dry scrubber Uncontrolled) Wet scrubber Dry scrubber	No No Yes		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 10 EPN 11 EPN 12 ATM_DH EPN-1 EPN-2 EPN-3 EPN-4 EPN-5 EPN-7 EPN-8	Catalytic oxidizer Catalytic oxidizer Dry scrubber	No No Yes		1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 10 EPN 11 EPN 12 ATM_DH EPN-1 EPN-1 EPN-2 EPN-3 EPN-4 EPN-5 EPN-6 EPN-6 EPN-6 EPN-7 EPN-8 EPN-9	Catalytic oxidizer Catalytic oxidizer Catalytic oxidizer Dry scrubber (Uncontrolled) Wet scrubber Dry scrubber	No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No Yes		1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 6888911 6888911	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 10 EPN 11 EPN 12 ATM_DH EPN 11 EPN 12 EPN 2 EPN 2 EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 10 EPN 10 EPN 11 EPN 12 EPN 10	Catalytic oxidizer Catalytic oxidizer Dry scrubber Ory scrubber Uncontrolled) Wet scrubber Dry scrubber	No No Yes		1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 6888911 6888911	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 11 EPN 12 ATM_DH EPN-1 EPN-2 EPN-3 EPN-3 EPN-4 EPN-5 EPN-6 EPN-7 EPN-8 EPN-7 EPN-8 EPN-9 EPN-10	Catalytic oxidizer Catalytic oxidizer Catalytic oxidizer Dry scrubber Wet scrubber Dry scrubber	No No Yes		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 1 1 1 1 1 1 1 0 0 0 0 0 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 11 EPN 11 EPN 12 ATM_DH EPN-1 EPN-2 EPN-3 EPN-4 EPN-5 EPN-6 EPN-7 EPN-8 EPN-9 EPN-10 EPN-10 EPN-11 EPN-1 EPN-1 EPN-1 EPN-1 EPN-1 EPN-1 EPN-1 EPN-1	Catalytic oxidizer Catalytic oxidizer Dry scrubber	No No No Yes		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 11 EPN 12 ATM_OH EPN-1 EPN-2 EPN-3 EPN-4 EPN-5 EPN-6 EPN-7 EPN-8 EPN-7 EPN-8 EPN-9 EPN-10 EPN-10 EPN-11 EPN-1 EPN-1 EPN-1 EPN-2 EPN-1	Catalytic oxidizer Catalytic oxidizer Catalytic oxidizer Dry scrubber	No No No Yes		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 1 1 1 1 1 1 1 0 0 0 0 0 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 304941	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 10 EPN 11 EPN 12 ATM_DH EPN-1 EPN-2 EPN-3 EPN-4 EPN-5 EPN-6 EPN-7 EPN-8 EPN-7 EPN-8 EPN-9 EPN-10 EPN-10 EPN-10 EPN-10 EPN-10 EPN-10 EPN-11 EPN-12 EPN-10 EPN-10 EPN-10 EPN-11 EPN-12 EPN-10 EPN-11 EPN-12 ATM SCRBR (01)	Catalytic oxidizer Catalytic oxidizer Dry scrubber Uncontrolled) Wet scrubber Dry scrubber Uncontrolled) Wet scrubber	No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No		1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 11 EPN 12 ATM_OH EPN-1 EPN-2 EPN-3 EPN-4 EPN-5 EPN-6 EPN-7 EPN-8 EPN-7 EPN-8 EPN-9 EPN-10 EPN-10 EPN-11 EPN-1 EPN-1 EPN-1 EPN-2 EPN-1	Catalytic oxidizer Catalytic oxidizer Dry scrubber Ory scrubber Uncontrolled) Wet scrubber Dry scrubber Catalytic oxidizer	No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No Yes		1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911 6888911	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 11 EPN-12 EPN-2 EPN-3 EPN-4 EPN-5 EPN-6 EPN-7 EPN-8 EPN-9 EPN-10 EPN-10 EPN-1	Catalytic oxidizer Catalytic oxidizer Catalytic oxidizer Dry scrubber Catalytic oxidizer Dry scrubber	No No No Yes		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 1 1 1 1 1 1 1 0 0 0 0 0 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 6888911 9132811	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 11 EPN 12 ATM_DH EPN-1 EPN-1 EPN-2 EPN-3 EPN-4 EPN-5 EPN-7 EPN-8 EPN-9 EPN-7 EPN-8 EPN-9 EPN-10 EPN-11 EPN-12 ATM SCRBR (01) Cat OX stack	Catalytic oxidizer Catalytic oxidizer Dry scrubber Ory scrubber Uncontrolled) Wet scrubber Dry scrubber Catalytic oxidizer	No No Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No Yes		1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 6888911 6888911	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 11 EPN 12 ATM_DH EPN-1 EPN-2 EPN-3 EPN-3 EPN-4 EPN-5 EPN-6 EPN-7 EPN-8 EPN-9 EPN-10 EPN-10 EPN-11 EPN-1 EPN	Catalytic oxidizer Catalytic oxidizer Dry scrubber	No No No Yes		1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 6888911 6888911	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 11 EPN 12 ATM_OH EPN-1 EPN-2 EPN-3 EPN-4 EPN-5 EPN-6 EPN-7 EPN-8 EPN-7 EPN-8 EPN-9 EPN-10 EPN-11 EPN-10 EPN-10 EPN-11 EPN-10 EPN-10 EPN-10 EPN-11 EPN-10 EPN-10 EPN-11 EPN-10 EPN-10 EPN-11 EPN-10 EPN-	Catalytic oxidizer Catalytic oxidizer Dry scrubber	No No No Yes		1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3049411 304941	EPN 2 EPN 3 EP 1 Drum Room Dry Bed EPN 13 EPN 14 EPN 15 EPN 16 EPN 17 EPN 18 EPN 19 EPN 20 ATM_IP EPN 4 EPN 5 EPN 7 EPN 8 EPN 9 EPN 10 EPN 11 EPN 12 ATM_DH EPN-1 EPN-2 EPN-3 EPN-4 EPN-5 EPN-6 EPN-7 EPN-8 EPN-7 EPN-8 EPN-9 EPN-10 EPN-10 EPN-10 EPN-10 EPN-10 EPN-10 EPN-11 EPN-12 ATM SCRBR (01) Cat OX stack HCDV SRV	Catalytic oxidizer Catalytic oxidizer Dry scrubber	No No No Yes		1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

0001511	FF10	/11====±==11=d)	la.			0	0 0
9061511	EF19	(Uncontrolled)	No	C			
9061511	EFM	(Uncontrolled)	No	C			0 0
9061511	EF18	(Uncontrolled)	No	C			0 0
9061511	EF22	(Uncontrolled)	No	0	0	0	0 0
9061511	EF13	(Uncontrolled)	No	C	0	0	0 0
9061511	EF14	(Uncontrolled)	No	O	0	0	0 0
9061511	EF15	(Uncontrolled)	No	C			0 0
		(Uncontrolled)	No	0			
9061511	EF16						
9061511	EF17	(Uncontrolled)	No	C			
9061511	EFA	(Uncontrolled)	No	0			0 0
9061511	EFB	(Uncontrolled)	No	O	0	0	0 0
9061511	EFC	(Uncontrolled)	No	C	0	0	0 0
9061511	EFD	(Uncontrolled)	No	C	0	0	0 0
9061511	EFE	(Uncontrolled)	No	C	0	0	0 0
9061511	EF6	(Uncontrolled)	No	C			0 0
9061511	EF5	(Uncontrolled)	No	C			0 0
				0			
9061511	EF4	(Uncontrolled)	No				
9061511	EF3	(Uncontrolled)	No	0			0 0
9061511	EF2	(Uncontrolled)	No	C			
9061511	EF1	(Uncontrolled)	No	0		0	0 0
9061511	VFX	(Uncontrolled)	No	0	0	0	0 0
9061511	VFY	(Uncontrolled)	No	C	0	0	0 0
9061511	VFZ	(Uncontrolled)	No	C			
9061511	EFI	(Uncontrolled)	No	C			
9061511	EF12	(Uncontrolled)	No	0			0 0
9061511	EF11	(Uncontrolled)	No	0			0 0
		, ,					
9061511	EF8	(Uncontrolled)	No	C			0 0
9061511	EF9	(Uncontrolled)	No	C			
9061511	VF9	(Uncontrolled)	No	C			
9061511	STV-1	(Uncontrolled)	No	C			0 0
6755311	EU001	Catalytic oxidizer	No	0	1	0	0 1
6755311	EU002	Catalytic oxidizer	No	C	1	0	0 1
7307111	ST1	Wet scrubber	No	1	. 0	0	0 1
7307111	ST2	(Multiple)	Yes	1	. 0	0	1 2
7307111	ETO EF	Dry scrubber	Yes	C			1 1
7307111	EF-Chamber 10	Dry scrubber	Yes	C			1 1
7307111	EF-1-1, EF-1-2, EF-1-3	Dry scrubber	Yes	0			1 1
		•		0			
7307111	PH-2	Dry scrubber	Yes				
7307111	EF#36/37	Dry scrubber	Yes	C			
7307111	EF-2	Dry scrubber	Yes	C			1 1
7697511	Catalytic oxidizer	Catalytic oxidizer	No	0			
7697511	EF132A/B	(Uncontrolled)	No	O	0	0	0 0
7697511	Chamber room EF fan	(Uncontrolled)	No	C	0	0	0 0
7697511	Warehouse relief vents	(Uncontrolled)	No	C	0	0	0 0
CVHN	со	Catalytic oxidizer	No	C	1	0	0 1
17953611	Old Scrubber Stack	Wet scrubber	No	1		0	0 1
17953611	New Scrubber Stack	Wet scrubber	No	1			0 1
17953611	Oxidizer Stack	Catalytic oxidizer	No	0			
17953611	CH Exh Vent	(Uncontrolled)		0			
		,	No				
17953611	BLDGCh_EtODM	(Uncontrolled)	No	С			0 0
17953611	BLDGCh	(Uncontrolled)	No	C			0 0
17953611	BLDG1	(Uncontrolled)	No	C			0 0
17953611	BLDG2	(Uncontrolled)	No	0	0	0	0 0
17953611	BLDG3	(Uncontrolled)	No	C	0	0	0 0
17953611	BLDGS	(Uncontrolled)	No	C	0	0	0 0
17953611	Vent stack for scrubber tanks	(Uncontrolled)	No	C	0	0	0 0
LNHBAYSIDE	VSI-41	Catalytic oxidizer	No	C			
LNHBAYSIDE	VSI-51	Catalytic oxidizer	No	C			
ALCON	1E	Catalytic oxidizer	No	0			
STERIGENICSAR	SN-01	Catalytic oxidizer	No	C			
				0			
STERIGENICSAR	SN-02	Dry scrubber	Yes				
BDAZ	CATOX1	Catalytic oxidizer	No	0			
BDAZ	CATOX2	Catalytic oxidizer	No	C			
BDAZ	DB3	Dry scrubber	Yes	C			
BDAZ	DB2	Dry scrubber	Yes	C			
BDAZ	DB1A	Dry scrubber	Yes	0	0	0	1 1
BDAZ	DB1B	Dry scrubber	Yes	C	0	0	1 1
BDAZ	DB1C	Dry scrubber	Yes	C			
BDAZ	DB1D	Dry scrubber	Yes	C			
NAMSA	CO	Catalytic oxidizer	No	C			
	100	Catalytic Oxidizel		U	1	U	0 1

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2020	AK	Total Electric Industry	22.57	19.58	15.88	0.00	NA	19.82
2020	AL	Total Electric Industry	12.58	11.55	5.87	0.00	NA	9.84
2020	AR	Total Electric Industry	10.41	8.61	5.89	13.32	NA	8.32
2020	AZ	Total Electric Industry	12.27	10.11	6.07	9.38	NA	10.44
2020	CA	Total Electric Industry	20.45	17.53	14.27	10.07	NA	18.00
2020	CO	Total Electric Industry	12.36	10.29	7.48	8.64	NA	10.27
2020	CT	Total Electric Industry	22.71	16.58	13.07	13.34	NA	19.13
2020	DC	Total Electric Industry	12.63	11.85	7.99	9.60	NA	11.90
2020	DE	Total Electric Industry	12.56	9.18	6.70	0.00	NA	10.24
2020	FL	Total Electric Industry	11.27	8.85	7.15	7.69	NA	10.06
2020	GA	Total Electric Industry	12.02	10.08	5.77	5.39	NA	9.93
2020	HI	Total Electric Industry	30.28	28.41	24.45	0.00	NA	27.55
2020	IA	Total Electric Industry	12.46	9.96	6.43	0.00	NA	8.97
2020	ID	Total Electric Industry	9.95	7.75	6.23	0.00	NA	7.99
2020	IL	Total Electric Industry	13.04	9.15	6.70	6.56	NA	9.75
2020	IN	Total Electric Industry	12.83	11.21	6.98	10.21	NA	9.92
2020	KS	Total Electric Industry	12.85	10.40	7.30	0.00	NA	10.38
2020	KY	Total Electric Industry	10.87	10.34	5.31	0.00	NA	8.58
2020	LA	Total Electric Industry	9.67	8.85	4.88	8.77	NA	7.51
2020	MA	Total Electric Industry	21.97	16.03	14.51	6.24	NA	18.19
2020	MD	Total Electric Industry	13.01	9.72	7.81	7.79	NA	11.15
2020	ME	Total Electric Industry	16.81	12.56	8.86	0.00	NA	13.54
2020	MI	Total Electric Industry	16.26	11.71	7.24	11.39	NA	12.21
2020	MN	Total Electric Industry	13.17	10.43	7.67	9.40	NA	10.57
2020	MO	Total Electric Industry	11.22	8.93	6.84	7.84	NA	9.64
2020	MS	Total Electric Industry	11.17	10.38	5.63	0.00	NA	9.13
2020	MT	Total Electric Industry	11.24	10.51	5.18	0.00	NA NA	9.13
2020	NC	Total Electric Industry	11.38	8.69	6.31	7.67	NA NA	9.43
2020	ND	Total Electric Industry	10.44	9.02	7.26	0.00	NA NA	8.53
2020	NE	Total Electric Industry	10.80	8.89	7.38	0.00	NA	8.97
2020	NH	Total Electric Industry	19.04	15.41	13.11	0.00	NA NA	16.63
2020	NJ	Total Electric Industry	16.03	12.35	10.01	9.19	NA NA	13.63
2020	NM	Total Electric Industry	12.94	10.28	5.58	0.00	NA NA	9.33
2020	NV	Total Electric Industry	11.34	7.45	5.61	8.84	NA NA	8.33
2020	NY	Total Electric Industry	18.36	14.56	5.54	12.14	NA NA	14.87
2020	OH	Total Electric Industry	12.29	9.53	6.16	6.71	NA NA	9.44
2020	OK	•	10.12	7.82	4.61	0.00	NA NA	7.63
		Total Electric Industry		9.00				
2020	OR	Total Electric Industry	11.17		5.70	9.46	NA NA	8.82
2020	PA	Total Electric Industry	13.58	8.50	6.16	8.58	NA	9.70
2020	RI	Total Electric Industry	22.01	15.94	15.76	22.23	NA NA	18.54
2020	SC	Total Electric Industry	12.78	10.35	5.98	0.00	NA	9.90
2020	SD	Total Electric Industry	11.75	9.65	7.79	0.00	NA	10.06
2020	TN	Total Electric Industry	10.76	10.56	5.33	0.00	NA	9.52
2020	TX	Total Electric Industry	11.71	7.60	5.07	6.52	NA	8.36
2020	UT	Total Electric Industry	10.44	8.27	5.90	10.69	NA	8.27
2020	VA	Total Electric Industry	12.03	7.63	6.28	8.77	NA	9.16
2020	VT	Total Electric Industry	19.54	16.39	11.20	0.00	NA	16.33
2020	WA	Total Electric Industry	9.87	8.92	5.08	9.93	NA	8.33
2020	WI	Total Electric Industry	14.32	10.75	7.29	14.64	NA	10.82
2020	WV	Total Electric Industry	11.80	9.40	6.09	0.00	NA	8.75
2020	WY	Total Electric Industry	11.11	9.65	6.88	0.00	NA	8.27
2020	US	Total Electric Industry	13.15	10.59	6.67	9.90	NA	10.59
2020	AK	Full-Service Providers	22.57	19.58		0.00		19.82
2020	AL	Full-Service Providers	12.57	11.55		0.00		9.84
2020	AR	Full-Service Providers	10.41	8.61	5.89	13.32	NA	8.32
2020	AZ	Full-Service Providers	12.27	10.11	6.07	9.38		10.44
2020	CA	Full-Service Providers	19.84	17.36		14.43		17.86
2020	CO	Full-Service Providers	12.36	10.29	7.48	8.64	NA	10.27
2020	CT	Full-Service Providers	21.85	15.04	10.24	13.37	NA	19.44
2020	DC	Full-Service Providers	11.79	12.30	0.00	0.00	NA	11.96
2020	DE	Full-Service Providers	12.42	11.68	9.14	0.00	NA	11.83
2020	FL	Full-Service Providers	11.27	8.85	7.15	7.69	NA	10.06
2020	GA	Full-Service Providers	12.02	10.08		5.39		9.93
2020	HI	Full-Service Providers	30.28	28.41	24.45	0.00		27.55
2020	IA	Full-Service Providers	12.46	9.96		0.00	NA	8.97
2020	ID	Full-Service Providers	9.95	7.75		0.00	NA NA	7.99
2020	IL	Full-Service Providers	12.70	10.29		0.00		11.49
2020	IN	Full-Service Providers	12.83	11.21	6.98	10.21	NA NA	9.92
2020	KS	Full-Service Providers	12.85	10.40	7.30	0.00	NA NA	10.38
2020	KY	Full-Service Providers	10.87	10.40		0.00		8.58
2020	LA	Full-Service Providers	9.67	8.85		8.77	NA NA	7.51
2020	MA	Full-Service Providers Full-Service Providers	20.70	15.08		0.00	NA NA	18.30
2020	MD	Full-Service Providers Full-Service Providers	12.63	11.25	9.29	0.00		18.30
2020	ME	Full-Service Providers Full-Service Providers	12.63	13.56		0.00		15.32
2020	MI	Full-Service Providers	16.26	12.11	7.56	11.39		12.70
2020	MN	Full-Service Providers	13.17	10.43	7.67	9.40	NA	10.57

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2020	MO	Full-Service Providers	11.22	8.93	6.84	7.84	NA	9.64
2020	MS	Full-Service Providers	11.17	10.38	5.63	0.00	NA	9.13
2020	MT	Full-Service Providers	11.24	10.70	8.01	0.00	NA	10.55
2020	NC	Full-Service Providers	11.38	8.69	6.31	7.67	NA	9.43
2020	ND	Full-Service Providers	10.44	9.02	7.26	0.00	NA	8.53
2020	NE	Full-Service Providers	10.80	8.89	7.38	0.00	NA	8.97
2020	NH	Full-Service Providers	18.50	15.69	12.21	0.00	NA NA	17.59
2020	NJ	Full-Service Providers	15.95	12.76	7.86	9.90	NA NA	14.55
2020	NM	Full-Service Providers	12.94	10.28	5.58	0.00	NA	9.33
2020	NV	Full-Service Providers	11.34	8.35	6.12	8.84	NA	8.95
2020	NY	Full-Service Providers	17.84	16.35	5.24	14.12	NA	16.78
2020	OH	Full-Service Providers	12.24	11.59	8.80	7.48	NA	11.51
2020	OK	Full-Service Providers	10.12	7.82	4.61	0.00	NA	7.63
2020	OR	Full-Service Providers	11.17	9.18	5.82	9.46	NA	9.03
2020	PA	Full-Service Providers	12.89	10.33	7.19	0.00	NA	12.13
2020	RI	Full-Service Providers	21.75	15.66	18.70	0.00	NA	20.00
2020	SC	Full-Service Providers	12.78	10.35	5.98	0.00	NA	9.90
2020	SD	Full-Service Providers	11.75	9.65	7.79	0.00	NA NA	10.06
2020	TN		10.76	10.56	5.33	0.00	NA NA	9.52
		Full-Service Providers						
2020	TX	Full-Service Providers	11.71	7.60	5.07	6.52	NA	8.36
2020	UT	Full-Service Providers	10.44	8.27	5.90	10.69	NA	8.27
2020	VA	Full-Service Providers	12.03	7.72	6.40	8.77	NA	9.29
2020	VT	Full-Service Providers	19.54	16.39	11.20	0.00	NA	16.33
2020	WA	Full-Service Providers	9.87	8.96	5.27	9.93	NA	8.47
2020	WI	Full-Service Providers	14.32	10.75	7.29	14.64	NA	10.82
2020	WV	Full-Service Providers	11.80	9.40	6.09	0.00	NA	8.75
2020	WY	Full-Service Providers	11.11	9.65	6.88	0.00	NA NA	8.27
2020	US	Full-Service Providers	12.81	10.27	6.60	10.53	NA NA	10.46
2020	CA	Restructured Retail Service Providers	22.41	17.89	12.90	6.14	NA NA	18.35
2020	CT	Restructured Retail Service Providers Restructured Retail Service Providers	25.41	17.89	12.90	13.24	NA NA	18.80
2020	DC	Restructured Retail Service Providers	15.42	11.78	7.99	9.60	NA	11.87
2020	DE	Restructured Retail Service Providers	14.64	7.77	4.68	0.00	NA	7.47
2020	IL	Restructured Retail Service Providers	13.73	8.59	6.60	6.56	NA	8.67
2020	MA	Restructured Retail Service Providers	23.70	16.32	15.13	6.24	NA	18.13
2020	MD	Restructured Retail Service Providers	14.81	9.24	7.61	7.79	NA	9.96
2020	ME	Restructured Retail Service Providers	20.25	11.85	8.77	0.00	NA	11.28
2020	MI	Restructured Retail Service Providers	0.00	8.06	5.75	0.00	NA	6.76
2020	MT	Restructured Retail Service Providers	11.43	4.53	3.42	0.00	NA	3.47
2020	NH	Restructured Retail Service Providers	21.98	15.28	13.24	0.00	NA	15.60
2020	NJ	Restructured Retail Service Providers	16.58	12.12	10.87	8.84	NA NA	12.45
2020	NV	Restructured Retail Service Providers	0.00	5.16	2.52	0.00	NA NA	4.28
				13.47		11.89	NA NA	12.72
2020	NY	Restructured Retail Service Providers	21.50		5.61			
2020	OH	Restructured Retail Service Providers	12.34	9.02	5.63	6.55	NA	8.51
2020	OR	Restructured Retail Service Providers	0.00	6.29	4.75	0.00	NA	5.29
2020	PA	Restructured Retail Service Providers	15.27	7.86	6.10	8.58	NA	8.29
2020	RI	Restructured Retail Service Providers	24.53	16.08	15.08	22.23	NA	16.70
2020	VA	Restructured Retail Service Providers	0.00	6.23	4.91	0.00	NA	5.81
2020	WA	Restructured Retail Service Providers	0.00	5.32	3.00	0.00	NA	3.33
2020	US	Restructured Retail Service Providers	17.39	11.84	6.98	9.68	NA	11.33
2020	CA	Energy-Only Providers	7.99	6.70	5.89	4.25	NA NA	6.95
2020	CT	Energy-Only Providers	9.72	8.07	7.22	4.18	NA NA	8.34
2020	DC	Energy-Only Providers	10.61	6.46	6.39	5.90	NA NA	6.77
2020	DE		8.94	5.50	3.99	0.00	NA NA	5.36
		Energy-Only Providers						
2020	IL	Energy-Only Providers	7.71	5.51		4.94		5.70
2020	MA	Energy-Only Providers	11.99	9.42	9.05	5.24	NA	10.05
2020	MD	Energy-Only Providers	9.19	5.66		5.95		6.22
2020	ME	Energy-Only Providers	11.17	6.69		0.00		6.65
2020	MI	Energy-Only Providers	0.00	5.72	5.03	0.00	NA	5.33
2020	MT	Energy-Only Providers	7.14	1.98	2.89	0.00	NA	2.85
2020	NH	Energy-Only Providers	11.41	7.38		0.00	NA	7.87
2020	NJ	Energy-Only Providers	11.80	7.95	7.37	6.92	NA	8.33
2020	NV	Energy-Only Providers	0.00	4.15	2.40	0.00	NA NA	3.57
2020	NY	Energy-Only Providers	9.13	6.14	3.67	7.01	NA NA	6.00
2020	OH		5.86	4.51	4.07	4.37	NA NA	4.67
		Energy-Only Providers						
2020	OR	Energy-Only Providers	0.00	3.31	3.06	0.00	NA	3.15
2020	PA	Energy-Only Providers	8.81	5.53	5.06	6.63	NA	5.88
2020	RI	Energy-Only Providers	12.64	7.72		11.24		8.09
2020	VA	Energy-Only Providers	0.00	5.20	4.63	0.00	NA	5.02
2020	WA	Energy-Only Providers	0.00	2.51	2.43	0.00	NA	2.44
2020	US	Energy-Only Providers	8.29	6.23	4.89	6.29	NA	6.20
2020	CA	Delivery-Only Service	14.42	11.19		1.89		11.40
2020	CT	Delivery-Only Service	15.65	9.19	7.10	9.06	NA NA	10.46
2020	DC	Delivery-Only Service	4.81	5.32	1.60	3.70	NA NA	5.10
2020	DE	Delivery-Only Service	5.71	2.27	0.69	0.00		2.11
							NA NA	2.11
2020 2020	IL	Delivery-Only Service	6.02	3.09		1.62		
12020	MA	Delivery-Only Service	11.71	6.90	6.07	0.99	NA	8.08

Mary December De			nts/kilowatthour) by State by Provide			1			
Pet Deliver-Cry Service	Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
Mill			Delivery-Only Service						3.75
Mart Debeny-Only Service	2020	ME	Delivery-Only Service	9.08	5.16	3.14	0.00	NA	4.63
PATE Deliney-Chiny Services	2020	MI	Delivery-Only Service	0.00	2.34	0.72	0.00	NA	1.43
2000 N. Delivery-Only Service 4.76 4.77 3.55 1.92 NA	2020	MT	Delivery-Only Service	4.29	2.56	0.53	0.00	NA	0.63
2020 N. Delivey-Only Service	2020	NH	Delivery-Only Service	10.58	7.90	6.15	0.00	NA	7.72
2020 NV	2020	NJ	Delivery-Only Service	4.78	4.17	3.50	1.92	NA	4.13
1970 NY									0.71
2020 OH Delivery-Corty Services 6.48 4.51 1.58 2.79 NA 2.27									6.72
2000 PA									
2300 PA									
2020 Vision									
2000 VA									
2020 MA									
1985 Selective Charles Selective Charles									
2019 A.									
2019 Al.									
2019 A.			•						
2019 A Total Electric Industry 12.45 10.25 6.28 9.68 NA 10.5			Total Electric Industry						9.83
2019 CA Trade Electric Industry 19.15 16.67 13.46 8.91 NA 10.6	2019	AR	Total Electric Industry	9.80	8.78	6.13	11.73	NA	8.22
2019 Co	2019	AZ	Total Electric Industry	12.43	10.25	6.28	9.68	NA	10.52
2019 OT Total Electic Industry 12.67 16.75 13.44 13.00 NA 13.20	2019	CA	Total Electric Industry	19.15	16.67	13.40	8.91	NA	16.89
2019 OC Total Electric Industry 12.98 12.28 9.22 9.50 NA 10.28 10.29 10.20 NA 10.58 NA 10.48 10.49 NA 10.48 10.49 NA 10.48 NA 10.49 NA NA 10.49 NA NA NA NA NA NA NA N	2019	CO	Total Electric Industry	12.18	10.43	7.40	8.70	NA	10.17
2019 OC Total Electric Industry 12.98 12.28 9.22 9.50 NA 10.28 10.29 10.20 NA 10.58 NA 10.48 10.49 NA 10.48 10.49 NA 10.48 NA 10.49 NA NA 10.49 NA NA NA NA NA NA NA N			•	21.87	16.75	13.44	13.69	NA	18.66
DEC Colar Electric Inclusion 12.55 9.85 7.70 0.00 NA 10.5			*						12.27
P. Total Electric Industry 11.70 9.27 7.65 8.32 NA 10.4									10.52
2019			*						10.44
1979 H			•						9.86
A			*						
2019 ID Total Electric Industry 9.88 7.67 6.08 0.00 NA 7.8			•						
1979 IL. Total Electric Industry 13.03 9.08 6.52 6.91 NA 9.95			•						
2019 N			*						
2019 KS			•						
2019			•						
2019			Total Electric Industry						10.26
2019 MA	2019	KY	Total Electric Industry	10.80	10.15	5.57	0.00	NA	8.61
2019 MD	2019	LA	Total Electric Industry	9.80	8.91	5.23	9.08	NA	7.71
2019 ME Total Electric Industry 17.89 12.83 9.22 0.00 NA 14.0	2019	MA	Total Electric Industry	21.92	16.80	14.76	6.15	NA	18.40
2019 MI	2019	MD	Total Electric Industry	13.12	9.97	7.80	7.37	NA	11.24
2019 MI	2019	ME	Total Electric Industry	17.89	12.83	9.22	0.00	NA	14.04
2019 MN Total Electric Industry 13.04 10.34 7.53 9.48 NA 10.32 10.34 7.53 9.48 NA 10.32 10.34 7.53 9.48 NA 10.32 10.34 10.34 7.53 9.48 NA 10.32 10.34 10.34 7.53 10.34 10.		MI	•		11.39	7.07	10.56	NA	11.56
2019 NO Total Electric Industry 11.14 9.07 7.11 7.89 NA 9.6			*						10.33
2019 NS			•						9.68
2019 NT Total Electric Industry 11.13 10.41 5.45 0.00 NA 9.0			-						
2019 NC Total Electric Industry 11.42 8.81 6.30 8.20 NA 9.4			•						
2019 ND Total Electric Industry 10.30 9.01 7.94 0.00 NA 8.8			•						
2019 NE Total Electric Industry 10.77 8.85 7.65 0.00 NA 9.00			•						
2019 NH									
2019 NJ Total Electric Industry 15.86 12.23 10.16 8.80 NA 13.4			•						
2019 NM			•						
2019 NV Total Electric Industry 12.00 8.04 6.14 8.51 NA 8.7			Total Electric Industry			10.16			
2019 NY Total Electric Industry 17.94 14.06 5.61 12.28 NA 14.3	2019	NM	Total Electric Industry	12.51	9.79	5.48	0.00	NA	8.99
2019 OH	2019	NV	Total Electric Industry	12.00	8.04	6.14	8.51	NA	8.78
2019 OK Total Electric Industry 10.21 7.98 5.07 0.00 NA 7.8	2019	NY	Total Electric Industry	17.94	14.06	5.61	12.28	NA	14.34
2019 OR Total Electric Industry 11.01 8.85 5.86 9.14 NA 8.8	2019	OH	Total Electric Industry	12.38	9.72	6.55	6.83	NA	9.58
2019 OR Total Electric Industry 11.01 8.85 5.86 9.14 NA 8.8	2019	OK	Total Electric Industry	10.21	7.98	5.07	0.00	NA	7.86
2019 PA Total Electric Industry 13.80 8.71 6.41 7.26 NA 9.8		OR		11.01	8.85	5.86	9.14	NA	8.81
2019 RI Total Electric Industry 21.73 16.38 15.59 18.49 NA 18.4 2019 SC Total Electric Industry 12.99 10.58 6.11 0.00 NA 10.0 2019 SD Total Electric Industry 11.55 9.59 7.81 0.00 NA 9.9 2019 TN Total Electric Industry 10.87 10.65 5.68 0.00 NA 9.6 2019 TX Total Electric Industry 11.76 8.06 5.45 6.44 NA 8.6 2019 UT Total Electric Industry 10.40 8.26 5.98 10.62 NA 8.2 2019 VT Total Electric Industry 12.07 8.18 6.85 8.27 NA 9.5 2019 WA Total Electric Industry 17.71 15.99 11.05 0.00 NA 15.3 2019 WA Total Electric Industry 14.18 10.72 7.31 13.85	2019	PA		13.80	8.71	6.41	7.26	NA	9.81
2019 SC Total Electric Industry 12.99 10.58 6.11 0.00 NA 10.00 2019 SD Total Electric Industry 11.55 9.59 7.81 0.00 NA 9.9 2019 TN Total Electric Industry 10.87 10.65 5.68 0.00 NA 9.6 2019 TX Total Electric Industry 11.76 8.06 5.45 6.44 NA 8.6 2019 UT Total Electric Industry 10.40 8.26 5.98 10.62 NA 8.2 2019 VA Total Electric Industry 12.07 8.18 6.85 8.27 NA 9.5 2019 VT Total Electric Industry 17.71 15.98 11.05 0.00 NA 15.3 2019 WA Total Electric Industry 9.71 8.75 4.80 9.45 NA 8.0 2019 WI Total Electric Industry 11.25 9.16 6.02 0.00									18.49
2019 SD Total Electric Industry 11.55 9.59 7.81 0.00 NA 9.9			,						10.02
2019 TN Total Electric Industry 10.87 10.65 5.68 0.00 NA 9.6 2019 TX Total Electric Industry 11.76 8.06 5.45 6.44 NA 8.6 2019 UT Total Electric Industry 10.40 8.26 5.98 10.62 NA 8.2 2019 VA Total Electric Industry 12.07 8.18 6.85 8.27 NA 9.5 2019 VT Total Electric Industry 17.71 15.98 11.05 0.00 NA 15.3 2019 WA Total Electric Industry 9.71 8.75 4.80 9.45 NA 8.0 2019 WI Total Electric Industry 14.18 10.72 7.31 13.85 NA 10.6 2019 WY Total Electric Industry 11.18 9.64 6.73 0.00 NA 8.4 2019 WY Total Electric Industry 11.18 9.64 6.73 0.00									9.96
2019 TX Total Electric Industry 11.76 8.06 5.45 6.44 NA 8.6 2019 UT Total Electric Industry 10.40 8.26 5.98 10.62 NA 8.2 2019 VA Total Electric Industry 12.07 8.18 6.85 8.27 NA 9.5 2019 VT Total Electric Industry 17.71 15.98 11.05 0.00 NA 15.3 2019 WA Total Electric Industry 9.71 8.75 4.80 9.45 NA 8.0 2019 WI Total Electric Industry 14.18 10.72 7.31 13.85 NA 10.6 2019 WV Total Electric Industry 11.25 9.16 6.02 0.00 NA 8.4 2019 WY Total Electric Industry 11.18 9.64 6.73 0.00 NA 8.1 2019 WY Total Electric Industry 13.01 10.68 6.81 9.66			•						9.69
2019 UT Total Electric Industry 10.40 8.26 5.98 10.62 NA 8.2 2019 VA Total Electric Industry 12.07 8.18 6.85 8.27 NA 9.5 2019 VT Total Electric Industry 17.71 15.98 11.05 0.00 NA 15.3 2019 WA Total Electric Industry 9.71 8.75 4.80 9.45 NA 8.0 2019 WI Total Electric Industry 14.18 10.72 7.31 13.85 NA 10.6 2019 WV Total Electric Industry 11.25 9.16 6.02 0.00 NA 8.4 2019 WY Total Electric Industry 11.18 9.64 6.73 0.00 NA 8.1 2019 WS Total Electric Industry 13.01 10.68 6.81 9.66 NA 10.5 2019 AK Full-Service Providers 22.92 19.80 16.94 0.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
2019 VA Total Electric Industry 12.07 8.18 6.85 8.27 NA 9.5 2019 VT Total Electric Industry 17.71 15.98 11.05 0.00 NA 15.3 2019 WA Total Electric Industry 9.71 8.75 4.80 9.45 NA 8.0 2019 WI Total Electric Industry 14.18 10.72 7.31 13.85 NA 10.6 2019 WV Total Electric Industry 11.25 9.16 6.02 0.00 NA 8.4 2019 WY Total Electric Industry 11.18 9.64 6.73 0.00 NA 8.1 2019 US Total Electric Industry 13.01 10.68 6.81 9.66 NA 10.5 2019 AK Full-Service Providers 22.92 19.80 16.94 0.00 NA 20.2 2019 AL Full-Service Providers 12.53 11.52 5.95 0.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
2019 VT Total Electric Industry 17.71 15.98 11.05 0.00 NA 15.3 2019 WA Total Electric Industry 9.71 8.75 4.80 9.45 NA 8.0 2019 WI Total Electric Industry 14.18 10.72 7.31 13.85 NA 10.6 2019 WV Total Electric Industry 11.25 9.16 6.02 0.00 NA 8.4 2019 WY Total Electric Industry 11.18 9.64 6.73 0.00 NA 8.1 2019 US Total Electric Industry 13.01 10.68 6.81 9.66 NA 10.5 2019 AK Full-Service Providers 22.92 19.80 16.94 0.00 NA 20.2 2019 AL Full-Service Providers 12.53 11.52 5.95 0.00 NA 9.8 2019 AZ Full-Service Providers 12.43 10.25 6.28 9.68 <td></td> <td></td> <td>,</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			,						
2019 WA Total Electric Industry 9.71 8.75 4.80 9.45 NA 8.0 2019 WI Total Electric Industry 14.18 10.72 7.31 13.85 NA 10.6 2019 WV Total Electric Industry 11.25 9.16 6.02 0.00 NA 8.4 2019 WY Total Electric Industry 11.18 9.64 6.73 0.00 NA 8.1 2019 US Total Electric Industry 13.01 10.68 6.81 9.66 NA 10.5 2019 AK Full-Service Providers 22.92 19.80 16.94 0.00 NA 20.2 2019 AL Full-Service Providers 12.53 11.52 5.95 0.00 NA 9.8 2019 AR Full-Service Providers 9.80 8.78 6.13 11.73 NA 8.2 2019 AZ Full-Service Providers 12.43 10.25 6.28 9.68			•						
2019 WI Total Electric Industry 14.18 10.72 7.31 13.85 NA 10.6 2019 WV Total Electric Industry 11.25 9.16 6.02 0.00 NA 8.4 2019 WY Total Electric Industry 11.18 9.64 6.73 0.00 NA 8.1 2019 US Total Electric Industry 13.01 10.68 6.81 9.66 NA 10.5 2019 AK Full-Service Providers 22.92 19.80 16.94 0.00 NA 20.2 2019 AL Full-Service Providers 12.53 11.52 5.95 0.00 NA 9.8 2019 AR Full-Service Providers 9.80 8.78 6.13 11.73 NA 8.2 2019 AZ Full-Service Providers 12.43 10.25 6.28 9.68 NA 10.5 2019 CA Full-Service Providers 18.70 16.62 13.88 13.08 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
2019 WV Total Electric Industry 11.25 9.16 6.02 0.00 NA 8.4 2019 WY Total Electric Industry 11.18 9.64 6.73 0.00 NA 8.1 2019 US Total Electric Industry 13.01 10.68 6.81 9.66 NA 10.5 2019 AK Full-Service Providers 22.92 19.80 16.94 0.00 NA 20.5 2019 AL Full-Service Providers 12.53 11.52 5.95 0.00 NA 9.8 2019 AR Full-Service Providers 9.80 8.78 6.13 11.73 NA 8.2 2019 AZ Full-Service Providers 12.43 10.25 6.28 9.68 NA 10.5 2019 CA Full-Service Providers 18.70 16.62 13.88 13.08 NA 16.8 2019 CO Full-Service Providers 12.18 10.43 7.40 8.70									8.04
2019 WY Total Electric Industry 11.18 9.64 6.73 0.00 NA 8.1 2019 US Total Electric Industry 13.01 10.68 6.81 9.66 NA 10.5 2019 AK Full-Service Providers 22.92 19.80 16.94 0.00 NA 20.2 2019 AL Full-Service Providers 12.53 11.52 5.95 0.00 NA 9.8 2019 AR Full-Service Providers 9.80 8.78 6.13 11.73 NA 8.2 2019 AZ Full-Service Providers 12.43 10.25 6.28 9.68 NA 10.5 2019 CA Full-Service Providers 18.70 16.62 13.88 13.08 NA 16.8 2019 CT Full-Service Providers 12.18 10.43 7.40 8.70 NA 10.1 2019 DC Full-Service Providers 21.44 16.63 11.11 13.69 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>10.66</td>									10.66
2019 US Total Electric Industry 13.01 10.68 6.81 9.66 NA 10.5 2019 AK Full-Service Providers 22.92 19.80 16.94 0.00 NA 20.2 2019 AL Full-Service Providers 12.53 11.52 5.95 0.00 NA 9.8 2019 AR Full-Service Providers 9.80 8.78 6.13 11.73 NA 8.2 2019 AZ Full-Service Providers 12.43 10.25 6.28 9.68 NA 10.5 2019 CA Full-Service Providers 18.70 16.62 13.88 13.08 NA 16.8 2019 CO Full-Service Providers 12.18 10.43 7.40 8.70 NA 10.1 2019 CT Full-Service Providers 21.44 16.63 11.11 13.69 NA 19.5 2019 DC Full-Service Providers 12.17 12.75 0.00 0.00 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>8.49</td>									8.49
2019 AK Full-Service Providers 22.92 19.80 16.94 0.00 NA 20.2 2019 AL Full-Service Providers 12.53 11.52 5.95 0.00 NA 9.8 2019 AR Full-Service Providers 9.80 8.78 6.13 11.73 NA 8.2 2019 AZ Full-Service Providers 12.43 10.25 6.28 9.68 NA 10.5 2019 CA Full-Service Providers 18.70 16.62 13.88 13.08 NA 16.8 2019 CO Full-Service Providers 12.18 10.43 7.40 8.70 NA 10.1 2019 CT Full-Service Providers 21.44 16.63 11.11 13.69 NA 19.5 2019 DC Full-Service Providers 12.17 12.75 0.00 0.00 NA 12.3									8.10
2019 AL Full-Service Providers 12.53 11.52 5.95 0.00 NA 9.8 2019 AR Full-Service Providers 9.80 8.78 6.13 11.73 NA 8.2 2019 AZ Full-Service Providers 12.43 10.25 6.28 9.68 NA 10.5 2019 CA Full-Service Providers 18.70 16.62 13.88 13.08 NA 16.8 2019 CO Full-Service Providers 12.18 10.43 7.40 8.70 NA 10.1 2019 CT Full-Service Providers 21.44 16.63 11.11 13.69 NA 19.5 2019 DC Full-Service Providers 12.17 12.75 0.00 0.00 NA 12.3	2019	US	Total Electric Industry	13.01	10.68	6.81	9.66	NA	10.54
2019 AL Full-Service Providers 12.53 11.52 5.95 0.00 NA 9.8 2019 AR Full-Service Providers 9.80 8.78 6.13 11.73 NA 8.2 2019 AZ Full-Service Providers 12.43 10.25 6.28 9.68 NA 10.5 2019 CA Full-Service Providers 18.70 16.62 13.88 13.08 NA 16.8 2019 CO Full-Service Providers 12.18 10.43 7.40 8.70 NA 10.1 2019 CT Full-Service Providers 21.44 16.63 11.11 13.69 NA 19.5 2019 DC Full-Service Providers 12.17 12.75 0.00 0.00 NA 12.3	2019	AK	Full-Service Providers	22.92	19.80	16.94	0.00	NA	20.22
2019 AR Full-Service Providers 9.80 8.78 6.13 11.73 NA 8.2 2019 AZ Full-Service Providers 12.43 10.25 6.28 9.68 NA 10.5 2019 CA Full-Service Providers 18.70 16.62 13.88 13.08 NA 16.8 2019 CO Full-Service Providers 12.18 10.43 7.40 8.70 NA 10.1 2019 CT Full-Service Providers 21.44 16.63 11.11 13.69 NA 19.5 2019 DC Full-Service Providers 12.17 12.75 0.00 0.00 NA 12.3									9.83
2019 AZ Full-Service Providers 12.43 10.25 6.28 9.68 NA 10.5 2019 CA Full-Service Providers 18.70 16.62 13.88 13.08 NA 16.8 2019 CO Full-Service Providers 12.18 10.43 7.40 8.70 NA 10.1 2019 CT Full-Service Providers 21.44 16.63 11.11 13.69 NA 19.5 2019 DC Full-Service Providers 12.17 12.75 0.00 0.00 NA 12.3									8.22
2019 CA Full-Service Providers 18.70 16.62 13.88 13.08 NA 16.8 2019 CO Full-Service Providers 12.18 10.43 7.40 8.70 NA 10.1 2019 CT Full-Service Providers 21.44 16.63 11.11 13.69 NA 19.5 2019 DC Full-Service Providers 12.17 12.75 0.00 0.00 NA 12.3									10.52
2019 CO Full-Service Providers 12.18 10.43 7.40 8.70 NA 10.1 2019 CT Full-Service Providers 21.44 16.63 11.11 13.69 NA 19.5 2019 DC Full-Service Providers 12.17 12.75 0.00 0.00 NA 12.3									16.89
2019 CT Full-Service Providers 21.44 16.63 11.11 13.69 NA 19.5 2019 DC Full-Service Providers 12.17 12.75 0.00 0.00 NA 12.3									
2019 DC Full-Service Providers 12.17 12.75 0.00 0.00 NA 12.3									
12.42 11.64 9.63 0.00 NA 11.84 11.64 1									
	2019	DΕ	Full-Service Providers	12.42	11.64	9.63	0.00	NA	11.88

Year		nts/kilowatthour) by State by Provide						
	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2019	FL	Full-Service Providers	11.70	9.27	7.65	8.32	NA	10.44
2019	GA	Full-Service Providers	11.76	10.02	6.17	5.85	NA	9.86
2019	HI	Full-Service Providers	32.06	29.23	25.76	0.00	NA	28.72
2019	IA	Full-Service Providers	12.46	9.99	6.60	0.00	NA	9.08
2019	ID	Full-Service Providers	9.89	7.67	6.08	0.00	NA	7.89
2019	IL	Full-Service Providers	12.66	10.08	7.49	0.00	NA	11.31
2019	IN	Full-Service Providers	12.58	11.03	7.36	10.76	NA	9.91
2019	KS	Full-Service Providers	12.71	10.29	7.35	0.00	NA NA	10.26
2019	KY	Full-Service Providers	10.80	10.15	5.57	0.00	NA NA	8.61
2019	LA	Full-Service Providers	9.80	8.91	5.23	9.08	NA NA	7.71
2019	MA		20.76	17.11	13.85	0.00	NA NA	18.78
		Full-Service Providers						
2019	MD	Full-Service Providers	12.72	11.30	9.17	0.00	NA	12.33
2019	ME	Full-Service Providers	17.60	14.14	10.19	0.00	NA	16.17
2019	MI	Full-Service Providers	15.74	11.83	7.34	10.56	NA	12.04
2019	MN	Full-Service Providers	13.04	10.34	7.53	9.49	NA	10.33
2019	MO	Full-Service Providers	11.14	9.07	7.11	7.89	NA	9.68
2019	MS	Full-Service Providers	11.27	10.52	5.85	0.00	NA	9.28
2019	MT	Full-Service Providers	11.13	10.55	7.96	0.00	NA	10.42
2019	NC	Full-Service Providers	11.42	8.81	6.30	8.20	NA	9.45
2019	ND	Full-Service Providers	10.30	9.01	7.94	0.00	NA	8.85
2019	NE	Full-Service Providers	10.77	8.85	7.65	0.00	NA	9.08
2019	NH	Full-Service Providers	19.63	16.49	12.60	0.00	NA NA	18.53
2019	NJ	Full-Service Providers	15.68	12.61	8.49	9.59	NA NA	14.32
2019	NM	Full-Service Providers Full-Service Providers	12.51	9.79	5.48	0.00	NA NA	8.99
2019	NV	Full-Service Providers	12.00	8.97	6.64	8.51	NA NA	9.40
2019	NY	Full-Service Providers	17.40	15.67	5.32	13.42	NA	16.21
2019	OH	Full-Service Providers	12.19	11.37	8.74	7.17	NA	11.38
2019	OK	Full-Service Providers	10.21	7.98	5.07	0.00	NA	7.86
2019	OR	Full-Service Providers	11.01	8.98	5.91	9.14	NA	8.97
2019	PA	Full-Service Providers	13.07	10.50	7.01	0.00	NA	12.23
2019	RI	Full-Service Providers	21.45	17.26	18.77	0.00	NA	20.10
2019	SC	Full-Service Providers	12.99	10.58	6.11	0.00	NA	10.02
2019	SD	Full-Service Providers	11.55	9.59	7.81	0.00	NA	9.96
2019	TN	Full-Service Providers	10.87	10.65	5.68	0.00	NA	9.69
2019	TX	Full-Service Providers	11.76	8.06	5.45	6.44	NA NA	8.60
2019	UT	Full-Service Providers	10.40	8.26	5.98	10.62	NA NA	8.24
2019	VA	Full-Service Providers	12.07	8.21	6.93	8.27	NA NA	9.57
2019	VT	Full-Service Providers	17.71	15.98	11.05	0.00	NA	15.36
2019	WA	Full-Service Providers	9.71	8.78	4.92	9.45	NA	8.16
2019	WI	Full-Service Providers	14.18	10.72	7.31	13.85	NA	10.66
2019	WV	Full-Service Providers	11.25	9.16	6.02	0.00	NA	8.49
2019	WY	Full-Service Providers	11.18	9.64	6.73	0.00	NA	8.10
2019	US	Full-Service Providers	12.72	10.39	6.75	10.20	NA	10.44
2019	CA	Restructured Retail Service Providers	20.87	16.80	12.20	5.23	NA	16.90
2019	CT	Restructured Retail Service Providers	23.16	16.79	14.32	13.69	NA	17.80
2019	DC	Restructured Retail Service Providers	15.68	12.18	8.22	9.50	NA	12.23
2019	DE	Restructured Retail Service Providers	14.59	8.26	6.06	0.00	NA	8.13
2019	IL	Restructured Retail Service Providers	13.69					
2019	MA	Restructured Retail Service Providers		8 61	6 39			
2019	MD			8.61 16.68	6.39 15.33	6.91	NA	8.56
2019			23.71	16.68	15.33	6.91 6.15	NA NA	8.56 18.14
		Restructured Retail Service Providers	23.71 14.92	16.68 9.54	15.33 7.60	6.91 6.15 7.37	NA NA NA	8.56 18.14 10.16
	ME	Restructured Retail Service Providers Restructured Retail Service Providers	23.71 14.92 20.15	16.68 9.54 11.71	15.33 7.60 9.08	6.91 6.15 7.37 0.00	NA NA NA	8.56 18.14 10.16 11.38
2019	ME MI	Restructured Retail Service Providers Restructured Retail Service Providers Restructured Retail Service Providers	23.71 14.92 20.15 15.95	16.68 9.54 11.71 7.53	15.33 7.60 9.08 5.74	6.91 6.15 7.37 0.00 0.00	NA NA NA NA	8.56 18.14 10.16 11.38 6.52
2019 2019	ME MI MT	Restructured Retail Service Providers Restructured Retail Service Providers Restructured Retail Service Providers Restructured Retail Service Providers	23.71 14.92 20.15 15.95 11.43	16.68 9.54 11.71 7.53 5.72	15.33 7.60 9.08 5.74 4.06	6.91 6.15 7.37 0.00 0.00 0.00	NA NA NA NA NA	8.56 18.14 10.16 11.38 6.52 4.12
2019 2019 2019	ME MI MT NH	Restructured Retail Service Providers	23.71 14.92 20.15 15.95 11.43 22.04	16.68 9.54 11.71 7.53 5.72 15.68	15.33 7.60 9.08 5.74 4.06 13.16	6.91 6.15 7.37 0.00 0.00 0.00 0.00	NA NA NA NA NA NA	8.56 18.14 10.16 11.38 6.52 4.12
2019 2019 2019 2019	ME MI MT NH NJ	Restructured Retail Service Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10	16.68 9.54 11.71 7.53 5.72 15.68 12.03	15.33 7.60 9.08 5.74 4.06 13.16	6.91 6.15 7.37 0.00 0.00 0.00 0.00 8.60	NA NA NA NA NA NA	8.56 18.14 10.16 11.38 6.52 4.12 15.81
2019 2019 2019	ME MI MT NH	Restructured Retail Service Providers	23.71 14.92 20.15 15.95 11.43 22.04	16.68 9.54 11.71 7.53 5.72 15.68	15.33 7.60 9.08 5.74 4.06 13.16	6.91 6.15 7.37 0.00 0.00 0.00 0.00	NA NA NA NA NA NA NA	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39
2019 2019 2019 2019	ME MI MT NH NJ	Restructured Retail Service Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10	16.68 9.54 11.71 7.53 5.72 15.68 12.03	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76	6.91 6.15 7.37 0.00 0.00 0.00 0.00 8.60	NA NA NA NA NA NA	8.56 18.14 10.16 11.38 6.52 4.12 15.81
2019 2019 2019 2019 2019	ME MI MT NH NJ NV	Restructured Retail Service Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76	6.91 6.15 7.37 0.00 0.00 0.00 0.00 0.00 8.60	NA NA NA NA NA NA NA	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MT NH NJ NV	Restructured Retail Service Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11	6.91 6.15 7.37 0.00 0.00 0.00 0.00 8.60 0.00 12.17	NA NA NA NA NA NA NA NA	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MT NH NJ NV NV NY OH	Restructured Retail Service Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96 12.59 0.00	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15 9.31	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11 5.44	6.91 6.15 7.37 0.00 0.00 0.00 0.00 8.60 0.00 12.17 6.81	NA NA NA NA NA NA NA NA NA	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78 5.93
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MT NH NJ NV NY OH OR	Restructured Retail Service Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96 12.59 0.00	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15 9.31 6.78	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11 5.44 6.37	6.91 6.15 7.37 0.00 0.00 0.00 0.00 8.60 0.00 12.17 6.81 0.00 7.26	NA N	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78 5.93
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MT NH NJ NV NY OH OR PA RI	Restructured Retail Service Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96 12.59 0.000	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15 9.31 6.78 8.13	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11 5.44 6.37	6.91 6.15 7.37 0.00 0.00 0.00 0.00 8.60 0.00 12.17 6.81 0.00 7.26	NA N	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78 5.93 8.52
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MT NH NJ NV OH OR PA RI VA	Restructured Retail Service Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96 12.59 0.00 15.47 24.18	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15 9.31 6.78 8.13 15.95	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11 5.44 6.37 14.77 5.77	6.91 6.15 7.37 0.00 0.00 0.00 0.00 8.60 0.00 12.17 6.81 0.00 7.26 18.49	NA N	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78 5.93 8.52 16.54
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MT NH NJ NV OH OR PA RI VA	Restructured Retail Service Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96 12.59 0.00 15.47 24.18 0.000	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15 9.31 6.78 8.13 15.95 5.52	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11 5.44 6.37 14.77 5.77	6.91 6.15 7.37 0.00 0.00 0.00 0.00 8.60 0.00 12.17 6.81 0.00 7.26 18.49 0.00	NA N	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78 5.93 8.52 16.54 5.69
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MT NH NJ NV OH OR PA RI VV WA US	Restructured Retail Service Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96 12.59 0.00 15.47 24.18 0.00 0.00 16.84	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15 9.31 6.78 8.13 15.95 5.52 5.68	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11 5.44 6.37 14.77 5.77 3.54 7.09	6.91 6.15 7.37 0.00 0.00 0.00 0.00 8.60 0.00 12.17 6.81 0.00 7.26 18.49 0.00 0.00 9.49	NA NA NA NA NA NA NA NA NA NA NA NA NA	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78 5.93 8.52 16.54 5.69
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MT NH NJ NV NY OH OR PA RI VA WA US CA	Restructured Retail Service Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96 12.59 0.00 15.47 24.18 0.00 0.00 16.84 7.53	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15 9.31 6.78 8.13 15.95 5.52 5.68 11.75	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11 5.44 6.37 14.77 5.77 3.54 7.09	6.91 6.15 7.37 0.00 0.00 0.00 8.60 0.00 12.17 6.81 0.00 7.26 18.49 0.00 0.00 9.49 3.58	NA	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78 5.93 8.52 16.54 5.69 3.76 11.12 6.76
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MT NH NJ NV NY OH OR PA RI VA WA US CCA CT	Restructured Retail Service Providers Energy-Only Providers Energy-Only Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96 12.59 0.000 15.47 24.18 0.00 0.00 16.84 7.53	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15 9.31 6.78 8.13 15.95 5.52 5.68 11.75 6.74	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11 5.44 6.37 14.77 5.77 3.54 7.09	6.91 6.15 7.37 0.00 0.00 0.00 0.00 8.60 0.00 12.17 6.81 0.00 7.26 18.49 0.00 0.00 9.49 3.588 8.85	NA N	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78 5.93 8.52 16.54 5.69 3.76 11.12 6.76
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MT NH NJ NV NY OH OR PA RI VA WA US CCA CT DC	Restructured Retail Service Providers Energy-Only Providers Energy-Only Providers Energy-Only Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96 12.59 0.00 15.47 24.18 0.00 0.00 16.84 7.53	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15 9.31 6.78 8.13 15.95 5.52 5.68 11.75	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11 5.44 6.37 14.77 5.77 3.54 7.09	6.91 6.15 7.37 0.00 0.00 0.00 8.60 0.00 12.17 6.81 0.00 7.26 18.49 0.00 0.00 9.49 3.58	NA N	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78 5.93 8.52 16.54 5.69 3.76 11.12 6.76
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MT NH NJ NV NY OH OR PA RI VA WA US CCA CT	Restructured Retail Service Providers Energy-Only Providers Energy-Only Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96 12.59 0.000 15.47 24.18 0.00 0.00 16.84 7.53	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15 9.31 6.78 8.13 15.95 5.52 5.68 11.75 6.74	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11 5.44 6.37 14.77 5.77 3.54 7.09	6.91 6.15 7.37 0.00 0.00 0.00 0.00 8.60 0.00 12.17 6.81 0.00 7.26 18.49 0.00 0.00 9.49 3.588 8.85	NA N	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78 5.93 8.52 16.54 5.69 3.76 11.12 6.76
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MT NH NJ NV NY OH OR PA RI VA WA US CCA CT DC	Restructured Retail Service Providers Energy-Only Providers Energy-Only Providers Energy-Only Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96 12.59 0.00 15.47 24.18 0.00 0.00 16.84 7.53 10.28	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15 9.31 6.78 8.13 15.95 5.52 5.68 11.75 6.74 8.59	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11 5.44 6.37 14.77 5.77 3.54 7.09 5.89 7.88	6.91 6.15 7.37 0.00 0.00 0.00 0.00 0.00 12.17 6.81 0.00 7.26 18.49 0.00 0.00 9.49 3.58 8.85 6.09	NA N	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78 5.93 8.52 16.54 5.69 3.76 11.12 6.76 8.85
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MT NH NJ NV NY OH OR PA RI VA WA US CC CT DC DE	Restructured Retail Service Providers Energy-Only Providers Energy-Only Providers Energy-Only Providers Energy-Only Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96 12.59 0.00 15.47 24.18 0.00 0.00 16.84 7.53 10.28 11.04	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15 9.31 6.78 8.13 15.95 5.52 5.68 11.75 6.74 8.59 6.81	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11 5.44 6.37 14.77 5.77 3.54 7.09 5.89 7.88	6.91 6.15 7.37 0.00 0.00 0.00 0.00 8.60 0.00 12.17 6.81 0.00 7.26 18.49 0.00 0.00 9.49 3.58 8.85 6.09 0.00	NA	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78 5.93 8.52 16.54 5.69 3.76 11.12 6.76 8.85 7.09
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MT NH NJ NV NY OH OR PA RI VA WA US CA CT DC DE IL	Restructured Retail Service Providers Energy-Only Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96 12.59 0.00 15.47 24.18 0.00 0.00 16.84 7.53 10.28 11.04 9.08	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15 9.31 6.78 8.13 15.95 5.52 5.68 11.75 6.74 8.59 6.81 6.01	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11 5.44 6.37 14.77 5.77 7.77 3.54 7.09 5.89 7.88 6.68 6.68 6.69 5.89	6.91 6.15 7.37 0.00 0.00 0.00 0.00 8.60 0.00 12.17 6.81 0.00 7.26 18.49 0.00 0.00 9.49 3.58 8.85 6.09 0.00	NA N	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78 5.93 8.52 16.54 5.69 3.76 11.12 6.76 8.85 7.09 6.05 5.67
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MT NH NJ NV NY OH OR PA RI VA WA US CCA CT DC DE IIL MA MD	Restructured Retail Service Providers Energy-Only Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96 12.59 0.00 15.47 24.18 0.00 0.00 16.84 7.53 10.28 11.04 9.08 7.68 12.39 9.51	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15 9.31 6.78 8.13 15.95 5.52 5.68 11.75 6.74 8.59 6.81 6.01 5.67	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11 5.44 6.37 14.77 5.77 3.54 7.09 7.88 6.68 5.34 4.82 9.29	6.91 6.15 7.37 0.00 0.00 0.00 0.00 0.00 8.60 0.00 12.17 6.81 0.00 7.26 18.49 0.00 0.00 9.49 3.588 8.85 6.09 0.00 5.21 5.23	NA N	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78 5.93 8.52 16.54 5.69 3.76 11.12 6.76 8.85 7.09 6.05 5.67 10.41
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MT NH NJ NV NY OH OR PA RI VA WA US CCA CT DC DE IL MA MMD ME	Restructured Retail Service Providers Energy-Only Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96 12.59 0.00 15.47 24.18 0.00 0.00 16.84 7.53 10.28 11.04 9.08 7.68 12.39 9.51 11.65	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15 9.31 6.78 8.13 15.95 5.52 5.68 11.75 6.74 8.59 6.81 6.01 5.67 9.93 6.08 7.17	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11 5.44 6.37 14.77 5.77 3.54 7.09 5.89 7.88 6.68 5.34 4.82 9.29 5.60 6.25	6.91 6.15 7.37 0.00 0.00 0.00 0.00 0.00 1.00 1.17 6.81 0.00 7.26 18.49 0.00 0.00 9.49 3.58 8.85 6.09 0.00 5.21 5.23 5.74	NA N	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78 5.93 8.52 16.54 5.69 3.76 11.12 6.76 8.85 7.09 6.05 5.67 10.41 6.57 7.22
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MI MT NH NJ NV NY OH OR PA RI VA WA US CA CT DC DE IL MA MA MD ME MI	Restructured Retail Service Providers Energy-Only Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96 12.59 0.00 15.47 24.18 0.00 0.00 16.84 7.53 10.28 11.04 9.08 7.68 12.39 9.51 11.65 8.93	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15 9.31 6.78 8.13 15.95 5.52 5.68 11.75 6.74 8.59 6.81 6.01 5.67 9.93 6.08 7.17 5.49	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11 5.44 6.37 14.77 5.77 3.54 7.09 5.89 7.88 6.68 5.34 4.82 9.29 9.560 6.25 5.60	6.91 6.91 6.15 7.37 0.00 0.00 0.00 0.00 8.60 0.00 12.17 6.81 0.00 7.26 18.49 0.00 0.00 9.49 3.58 8.85 6.09 0.00 5.21 5.23 5.74 0.00	NA N	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78 5.93 8.52 16.54 5.69 3.76 11.12 6.76 8.85 7.09 6.05 5.67 10.41 6.57 7.22
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MT NH NJ NV NY OH OGR PA RI VA US CA CT DC DC DE IL MA MD ME MI MI MI MT	Restructured Retail Service Providers Energy-Only Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96 12.59 0.00 15.47 24.18 0.00 0.00 16.84 7.53 10.28 11.04 9.08 7.68 12.39 9.51 11.65 8.93 5.71	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15 9.31 6.78 8.13 15.95 5.52 5.68 11.75 6.74 8.59 6.81 6.01 5.67 9.93 6.08 7.17 5.49	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11 5.44 6.37 14.77 5.77 3.54 7.09 7.88 6.68 5.34 4.82 9.29 5.60 6.25 5.15	6.91 6.91 6.15 7.37 0.00 0.00 0.00 0.00 8.60 0.00 12.17 6.81 0.00 7.26 18.49 0.00 9.49 3.58 8.85 6.09 0.00 5.21 5.23 5.74 0.00 0.00	NA N	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78 5.93 8.52 16.54 5.69 3.76 11.12 6.76 8.85 7.09 6.05 5.67 10.41 6.57 7.22 5.30 3.56
2019 2019 2019 2019 2019 2019 2019 2019	ME MI MI MT NH NJ NV NY OH OR PA RI VA WA US CA CT DC DE IL MA MA MD ME MI	Restructured Retail Service Providers Energy-Only Providers	23.71 14.92 20.15 15.95 11.43 22.04 17.10 0.00 20.96 12.59 0.00 15.47 24.18 0.00 0.00 16.84 7.53 10.28 11.04 9.08 7.68 12.39 9.51 11.65 8.93	16.68 9.54 11.71 7.53 5.72 15.68 12.03 5.27 13.15 9.31 6.78 8.13 15.95 5.52 5.68 11.75 6.74 8.59 6.81 6.01 5.67 9.93 6.08 7.17 5.49	15.33 7.60 9.08 5.74 4.06 13.16 10.79 2.76 5.68 6.11 5.44 6.37 14.77 5.77 3.54 7.09 5.89 7.88 6.68 5.34 4.82 9.29 5.60 6.25 5.15 5.35 7.60	6.91 6.91 6.15 7.37 0.00 0.00 0.00 0.00 8.60 0.00 12.17 6.81 0.00 7.26 18.49 0.00 0.00 9.49 3.58 8.85 6.09 0.00 5.21 5.23 5.74 0.00	NA N	8.56 18.14 10.16 11.38 6.52 4.12 15.81 12.34 4.39 12.46 8.78 5.93 8.52 16.54 5.69 3.76 11.12 6.76 8.85 7.09 6.05 5.67 10.41 6.57 7.22

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2019	NV	Energy-Only Providers	0.00	4.09	2.62	0.00	NA	3.57
2019	NY	Energy-Only Providers	9.15	6.41	3.86	7.20	NA	6.22
2019	OH	Energy-Only Providers	6.12	4.91	4.54	4.78	NA	5.05
2019	OR	Energy-Only Providers	0.00	3.92	3.82	0.00	NA	3.86
2019	PA	Energy-Only Providers	8.97	5.82	5.37	5.70	NA	6.14
2019	RI	Energy-Only Providers	13.33	8.45	7.87	9.72	NA	8.82
2019	VA	Energy-Only Providers	0.00	4.91	5.50	0.00	NA	5.31
2019	WA	Energy-Only Providers	0.00	2.76	2.94	0.00	NA	2.92
2019	US	Energy-Only Providers	8.35	6.52	5.11	6.25	NA	6.39
2019	CA	Delivery-Only Service	13.34	10.06	6.31	1.65	NA	10.14
2019	CT	Delivery-Only Service	12.88	8.20	6.43	4.84	NA	8.95
2019	DC	Delivery-Only Service	4.64	5.37	1.55	3.40	NA	5.14
2019	DE	Delivery-Only Service	5.52	2.25	0.73	0.00	NA	2.08
2019	IL	Delivery-Only Service	6.01	2.93	1.57	1.69	NA	2.89
2019	MA	Delivery-Only Service	11.32	6.75	6.04	0.92	NA	7.73
2019	MD	Delivery-Only Service	5.41	3.46	2.00	1.63	NA	3.59
2019	ME	Delivery-Only Service	8.50	4.54	2.83	0.00	NA	4.16
2019	MI	Delivery-Only Service	7.02	2.04	0.59	0.00	NA	1.22
2019	MT	Delivery-Only Service	5.71	2.52	0.48	0.00	NA	0.57
2019	NH	Delivery-Only Service	10.32	7.56	5.55	0.00	NA	7.33
2019	NJ	Delivery-Only Service	4.77	3.97	3.33	1.74	NA	3.94
2019	NV	Delivery-Only Service	0.00	1.18	0.14	0.00	NA	0.82
2019	NY	Delivery-Only Service	11.81	6.74	1.82	4.97	NA	6.24
2019	OH	Delivery-Only Service	6.47	4.39	1.56	2.03	NA	3.73
2019	OR	Delivery-Only Service	0.00	2.86	1.62	0.00	NA	2.08
2019	PA	Delivery-Only Service	6.50	2.31	1.00	1.56	NA	2.38
2019	RI	Delivery-Only Service	10.85	7.50	6.90	8.77	NA	7.72
2019	VA	Delivery-Only Service	0.00	0.61	0.28	0.00	NA	0.38
2019	WA	Delivery-Only Service	0.00	2.92	0.60	0.00	NA	0.84
2019	US	Delivery-Only Service	8.48	5.24	1.98	3.24	NA	4.73
2018	AK	Total Electric Industry	21.94	18.58	17.10	0.00	NA	19.36
2018	AL	Total Electric Industry	12.18	11.24	6.01	0.00	NA	9.63
2018	AR	Total Electric Industry	9.81	7.75	5.64	11.35	NA	7.78
2018	AZ	Total Electric Industry	12.77	10.64	6.55	10.02	NA	10.85
2018	CA	Total Electric Industry	18.84	16.34	13.20	8.64	NA	16.58
2018	CO	Total Electric Industry	12.15	10.02	7.47	9.00	NA	10.02
2018	CT	Total Electric Industry	21.20	16.76	13.77	12.84	NA	18.41
2018	DC	Total Electric Industry	12.84	11.97	8.30	9.54	NA	12.03
2018	DE	Total Electric Industry	12.53	9.65	7.95	0.00	NA	10.55
2018	FL	Total Electric Industry	11.54	9.19	7.65	8.26	NA	10.32
2018	GA	Total Electric Industry	11.47	9.79	6.00	5.52	NA	9.62
2018	HI	Total Electric Industry	32.47	29.90	26.10	0.00	NA	29.18
2018	IA	Total Electric Industry	12.24	9.68	6.45	0.00	NA	8.92
2018	ID	Total Electric Industry	10.15	7.93	6.47	0.00	NA	8.17
2018	IL	Total Electric Industry	12.77	9.12	6.80	6.75	NA	9.60
2018	IN	Total Electric Industry	12.26	10.60	7.38	10.44	NA	9.75
2018	KS	Total Electric Industry	13.35	10.66	7.60	0.00	NA	10.72
2018	KY	Total Electric Industry	10.60	9.74	5.68	0.00	NA	8.52
2018	LA	Total Electric Industry	9.59	8.85	5.35	9.21	NA	7.71
2018	MA	Total Electric Industry	21.61	17.17	14.89	6.38	NA	18.50
2018	MD	Total Electric Industry	13.30	10.43	8.23	7.44	NA	11.57
2018	ME	Total Electric Industry	16.84	12.51	9.32	0.00	NA	13.44
2018	MI	Total Electric Industry	15.45	11.15		10.76		11.40
	MN	Total Electric Industry	13.14	10.38				10.37
2018	MO	Total Electric Industry	11.34	9.40		8.52	NA	9.93
2018	MS	Total Electric Industry	11.12	10.43		0.00		9.24
2018	MT	Total Electric Industry	10.96	10.11		0.00		8.84
2018	NC	Total Electric Industry	11.09	8.58		8.02	NA	9.25
2018	ND	Total Electric Industry	10.25	9.10		0.00		8.91
2018	NE	Total Electric Industry	10.70	8.83		0.00		9.02
2018	NH	Total Electric Industry	19.69	15.81	13.42	0.00	NA	17.01
2018	NJ	Total Electric Industry	15.41	12.21	10.07	9.07	NA	13.23
2018	NM	Total Electric Industry	12.68	10.02		0.00		9.35
2018	NV	Total Electric Industry	11.85	7.74	6.10	8.31	NA	8.67
2018	NY	Total Electric Industry	18.52	14.50	6.02	12.14	NA	14.83
2018	OH	Total Electric Industry	12.56	10.11	7.01	7.33	NA	9.94
2018	OK	Total Electric Industry	10.30	8.07	5.34	0.00	NA	8.09
2018	OR	Total Electric Industry	10.98	8.91	5.86	9.16	NA	8.85
2018	PA	Total Electric Industry	13.89	8.94	6.84	7.78	NA	10.10
2018	RI	Total Electric Industry	20.55	16.58	15.39	17.01	NA	18.10
2018	SC	Total Electric Industry	12.44	10.11	6.10	0.00	NA	9.67
2018	SD	Total Electric Industry	11.59	9.62	7.77	0.00	NA	9.97
2018	TN	Total Electric Industry	10.71	10.51	5.68	0.00	NA	9.58
2018	TX	Total Electric Industry	11.20	8.16	5.39	8.08	NA	8.48
2018	UT	Total Electric Industry	10.41	8.23	5.90	10.59	NA	8.21
2018	VA	Total Electric Industry	11.73	8.32	6.86	8.28	NA	9.48

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2018 2018	VT WA	Total Electric Industry	18.02	15.24 8.72	10.66 4.72	0.00 9.38	NA NA	15.13
2018	WI	Total Electric Industry Total Electric Industry	9.75 14.02	10.67	7.33	13.85	NA NA	8.00 10.58
2018	WV	Total Electric Industry	11.18	9.24	6.40	0.00	NA NA	8.72
2018	WY	Total Electric Industry	11.29	9.58	6.71	0.00	NA NA	8.09
2018	US	Total Electric Industry	12.87	10.67	6.92	9.70	NA	10.53
2018	AK	Full-Service Providers	21.94	18.58	17.10	0.00	NA	19.36
2018	AL	Full-Service Providers	12.18	11.24	6.01	0.00	NA	9.63
2018	AR	Full-Service Providers	9.81	7.75	5.64	11.35	NA	7.78
2018	AZ	Full-Service Providers	12.77	10.64	6.55	10.02	NA	10.85
2018	CA	Full-Service Providers	18.55	16.52	13.85	12.85	NA	16.83
2018	CO	Full-Service Providers	12.15	10.02	7.47	9.00	NA	10.02
2018	CT	Full-Service Providers	20.75	16.58	11.49	12.50	NA	19.11
2018	DC	Full-Service Providers	12.11	12.81	0.00	0.00	NA	12.37
2018	DE FL	Full-Service Providers Full-Service Providers	12.40 11.54	11.13 9.19	9.94 7.65	0.00 8.26	NA NA	11.80 10.32
2018	GA	Full-Service Providers	11.34	9.19	6.00	5.52	NA NA	9.62
2018	HI	Full-Service Providers	32.47	29.90	26.10	0.00	NA NA	29.18
2018	IA	Full-Service Providers	12.24	9.68	6.45	0.00	NA NA	8.92
2018	ID	Full-Service Providers	10.15	7.93	6.47	0.00	NA	8.17
2018	IL	Full-Service Providers	12.60	10.32	7.41	0.00	NA	11.30
2018	IN	Full-Service Providers	12.26	10.60	7.38	10.44	NA	9.75
2018	KS	Full-Service Providers	13.35	10.66	7.60	0.00	NA	10.72
2018	KY	Full-Service Providers	10.60	9.74	5.68	0.00	NA	8.52
2018	LA	Full-Service Providers	9.59	8.85	5.35	9.21	NA	7.71
2018	MA	Full-Service Providers	20.64	17.40	13.66	0.00	NA	18.82
2018	MD	Full-Service Providers	12.94	11.39	9.24	0.00	NA	12.53
2018	ME	Full-Service Providers	16.55	13.39	10.41	0.00	NA	15.27
2018	MI	Full-Service Providers	15.45 13.14	11.54 10.38	7.35 7.52	10.76 9.58	NA NA	11.84 10.37
2018	MO	Full-Service Providers Full-Service Providers	13.14	9.40	7.52	9.56	NA NA	9.93
2018	MS	Full-Service Providers	11.12	10.43	6.00	0.00	NA NA	9.24
2018	MT	Full-Service Providers	10.96	10.26	7.64	0.00	NA NA	10.16
2018	NC	Full-Service Providers	11.09	8.58	6.33	8.02	NA	9.25
2018	ND	Full-Service Providers	10.25	9.10	7.98	0.00	NA	8.91
2018	NE	Full-Service Providers	10.70	8.83	7.60	0.00	NA	9.02
2018	NH	Full-Service Providers	19.31	16.38	13.29	0.00	NA	18.29
2018	NJ	Full-Service Providers	15.19	12.63	8.06	0.00	NA	14.07
2018	NM	Full-Service Providers	12.68	10.02	5.84	0.00	NA	9.35
2018	NV	Full-Service Providers	11.85	8.83	6.58	8.31	NA	9.33
2018	NY	Full-Service Providers	18.01	16.27	5.90	14.10	NA	16.88
2018	OH	Full-Service Providers	12.37	11.27	8.75	7.90	NA	11.52
2018	OK OR	Full-Service Providers	10.30 10.98	8.07 9.06	5.34	0.00 9.16	NA NA	8.09 9.02
2018	PA	Full-Service Providers Full-Service Providers	13.19	10.48	5.95 8.93	9.10	NA NA	12.46
2018	RI	Full-Service Providers	20.34	17.89	17.04	0.00	NA NA	19.51
2018	SC	Full-Service Providers	12.44	10.11	6.10	0.00	NA NA	9.67
2018	SD	Full-Service Providers	11.59	9.62	7.77	0.00	NA	9.97
2018	TN	Full-Service Providers	10.71	10.51	5.68	0.00	NA	9.58
2018	TX	Full-Service Providers	11.20	8.16	5.39	8.08	NA	8.48
2018	UT	Full-Service Providers	10.41	8.23	5.90	10.59	NA	8.21
2018	VA	Full-Service Providers	11.73	8.33	6.86	8.28	NA	9.50
2018	VT	Full-Service Providers	18.02	15.24		0.00		15.13
2018	WA	Full-Service Providers	9.75	8.72				8.11
2018	WI	Full-Service Providers	14.02	10.67	7.33	13.85		10.58
2018	WV	Full-Service Providers	11.18	9.24	6.40	0.00		8.72
2018 2018	WY	Full-Service Providers Full-Service Providers	11.29 12.61	9.58 10.39		0.00 10.44	NA NA	8.09 10.44
2018	CA	Restructured Retail Service Providers	21.56	15.74		5.15		15.51
2018	CT	Restructured Retail Service Providers	22.42	16.83		13.11	NA NA	17.78
2018	DC	Restructured Retail Service Providers	15.15	11.83	8.30	9.54	NA NA	11.90
2018	DE	Restructured Retail Service Providers	14.49	8.64	6.69	0.00		8.41
2018	IL	Restructured Retail Service Providers	13.06	8.56				8.62
2018	MA	Restructured Retail Service Providers	23.12	17.09		6.38		18.29
2018	MD	Restructured Retail Service Providers	14.86	10.14	8.09	7.44	NA	10.65
2018	ME	Restructured Retail Service Providers	18.74	11.78	9.19	0.00	NA	11.35
2018	MI	Restructured Retail Service Providers	15.59	7.65	5.81	0.00	NA	6.62
2018	MT	Restructured Retail Service Providers	11.67	5.04	3.65	0.00	NA	3.71
2018	NH	Restructured Retail Service Providers	21.19	15.56		0.00	NA	15.83
2018	NJ	Restructured Retail Service Providers	16.88	11.99		9.07	NA	12.28
2018	NV	Restructured Retail Service Providers	0.00	4.85		0.00		4.17
2018	NY	Restructured Retail Service Providers	21.22	13.59		11.89		12.86
2018	OH	Restructured Retail Service Providers	12.79	9.81	6.68	7.29		9.25
2018	OR	Restructured Retail Service Providers	0.00	6.48		0.00		5.65
2018 2018	PA RI	Restructured Retail Service Providers	15.31 22.22	8.46 15.97	6.74 14.95	7.78 17.01	NA NA	8.91 16.44
2010	IXI	Restructured Retail Service Providers	22.22	15.97	14.95	17.01	NA	10.44

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2018	VA	Restructured Retail Service Providers	0.00	6.00	6.73	0.00	NA	6.45
2018	WA	Restructured Retail Service Providers	0.00	3.49	3.37	0.00	NA	3.37
2018	US	Restructured Retail Service Providers	16.30	11.73	7.37	9.49	NA	11.06
2018	CA	Energy-Only Providers	6.69	6.31	5.59	3.54	NA	6.16
2018	CT	Energy-Only Providers	9.89	8.47	8.18	8.31	NA	8.76
2018	DC	Energy-Only Providers	10.90	7.00	6.72	6.10	NA	7.25
2018	DE	Energy-Only Providers	9.08	6.38	5.92	0.00	NA	6.42
2018	IL	Energy-Only Providers	7.59	5.83	5.26	5.25	NA	5.92
2018	MA	Energy-Only Providers	12.21	10.22	9.68	5.48	NA	10.59
2018	MD	Energy-Only Providers	9.58	6.69	6.09	5.70	NA	7.08
2018	ME	Energy-Only Providers	10.28	7.48	6.31	0.00	NA	7.25
2018	MI	Energy-Only Providers	8.50	5.57	5.22	0.00	NA	5.37
2018	MT	Energy-Only Providers	6.67	2.64	3.16	0.00	NA	3.13
2018	NH	Energy-Only Providers	11.25	8.30	7.97	0.00	NA	8.68
2018	NJ	Energy-Only Providers	12.24	8.28	7.57	7.18	NA	8.58
2018	NV	Energy-Only Providers	0.00	3.84	2.53	0.00	NA	3.43
2018	NY	Energy-Only Providers	9.55	6.87	4.29	7.12	NA	6.66
2018	ОН	Energy-Only Providers	6.17	5.24	4.90	5.13	NA	5.32
2018	OR	Energy-Only Providers	0.00	3.47	3.47	0.00	NA	3.47
2018	PA	Energy-Only Providers	8.78	6.25	5.78	6.11	NA	6.50
2018	RI	Energy-Only Providers	11.77	8.73	8.17	7.74	NA	8.94
2018	VA	Energy-Only Providers	0.00	5.45	6.43	0.00	NA	6.05
2018	WA	Energy-Only Providers	0.00	2.79	2.69	0.00	NA	2.69
2018	US	Energy-Only Providers	8.35	6.77	5.43	6.32	NA	6.59
2018	CA	Delivery-Only Service	14.87	9.43	5.76	1.61	NA	9.35
2018	CT	Delivery-Only Service	12.53	8.35	6.47	4.80	NA NA	9.02
2018	DC	Delivery-Only Service	4.25	4.83	1.58	3.44	NA NA	4.65
2018	DE	Delivery-Only Service	5.40	2.26	0.77	0.00	NA NA	1.99
2018	IL	Delivery-Only Service	5.47	2.72	1.44	1.50	NA NA	2.70
2018	MA	Delivery-Only Service	10.91	6.88	5.96	0.90	NA NA	7.70
2018	MD	Delivery-Only Service	5.28	3.45	2.00	1.74	NA NA	3.57
2018	ME	Delivery-Only Service	8.45	4.30	2.88	0.00	NA NA	4.10
2018	MI	Delivery-Only Service	7.08	2.09	0.59	0.00	NA NA	1.25
2018	MT	Delivery-Only Service	5.00	2.40	0.49	0.00	NA NA	0.58
2018	NH		9.94	7.25	5.47	0.00	NA NA	7.15
2018	NJ	Delivery-Only Service	9.94 4.64	3.72		1.88	NA NA	
		Delivery-Only Service			3.11			3.70
2018	NV	Delivery-Only Service	0.00	1.01	0.16	0.00	NA NA	0.74
2018	NY	Delivery-Only Service	11.67	6.71	1.75	4.77	NA NA	6.20
2018	OH	Delivery-Only Service	6.62	4.57	1.79	2.16	NA	3.93
2018	OR	Delivery-Only Service	0.00	3.01	1.68	0.00	NA	2.18
2018	PA	Delivery-Only Service	6.53	2.21	0.96	1.67	NA	2.42
2018	RI	Delivery-Only Service	10.46	7.23	6.78	9.26	NA	7.50
2018	VA	Delivery-Only Service	0.00	0.55	0.30	0.00	NA	0.40
2018	WA	Delivery-Only Service	0.00	0.70	0.68	0.00	NA	0.68
2018	US	Delivery-Only Service	7.95	4.96	1.95	3.17	NA	4.47
2017	AK	Total Electric Industry	21.27	18.89	16.34	0.00	NA	19.10
2017	AL	Total Electric Industry	12.55	11.60	6.16	0.00	NA	9.83
2017	AR	Total Electric Industry	10.28	8.51	6.07	12.26	NA	8.26
2017	AZ	Total Electric Industry	12.44	10.50	6.45	9.65	NA	10.64
2017	CA	Total Electric Industry	18.31	15.76	12.73	8.68	NA	16.06
2017	CO	Total Electric Industry	12.17	9.89	7.50	9.77	NA	9.99
2017	CT	Total Electric Industry	20.29	16.06	13.10	10.95	NA	17.55
2017	DC	Total Electric Industry	12.94	11.66	8.23	8.90	NA	11.80
2017	DE	Total Electric Industry	13.35	9.89				10.91
2017	FL	Total Electric Industry	11.61	9.35	7.83	8.62	NA	10.42
2017	GA	Total Electric Industry	11.90	10.09	5.96	5.35	NA	9.83
2017	HI	Total Electric Industry	29.50	26.77	22.92	0.00	NA	26.05
2017	IA	Total Electric Industry	12.34	9.46	6.21	0.00	NA	8.73
2017	ID	Total Electric Industry	10.04	7.98	6.66	0.00	NA	8.26
2017	IL	Total Electric Industry	12.95	9.09	6.47	6.35	NA	9.49
2017	IN	Total Electric Industry	12.29	10.54	7.54	11.23	NA	9.77
2017	KS	Total Electric Industry	13.31	10.59	7.54	0.00	NA	10.60
2017	KY	Total Electric Industry	10.85	9.85	5.72	0.00	NA	8.57
2017	LA	Total Electric Industry	9.74	8.95	5.48	9.93	NA	7.79
2017	MA	Total Electric Industry	20.06	15.94	13.88	6.22	NA	17.12
2017	MD	Total Electric Industry	13.96	10.75	8.37	7.74	NA NA	11.98
2017	ME	Total Electric Industry	15.97	12.12	9.20	0.00	NA NA	13.02
2017	MI	Total Electric Industry	15.40	11.00	7.19	11.99	NA NA	11.28
2017	MN	Total Electric Industry	13.04	10.48	7.13	9.56	NA NA	10.27
2017	MO	Total Electric Industry	11.63	9.47	7.33	8.42	NA NA	10.03
2017	MS	Total Electric Industry	11.08	10.17	5.99	0.00	NA NA	9.09
2017	MT	Total Electric Industry	10.95	10.17	5.25	0.00	NA NA	8.92
2017	NC	Total Electric Industry	10.95	8.44	6.20	8.55	NA NA	9.04
2017	ND ND	Total Electric Industry	10.94	9.19	7.63	0.00	NA NA	9.04 8.78
2017	NE	Total Electric Industry	10.29	8.85	7.66	0.00	NA NA	9.08
	NH NH		10.97		12.34			9.08
2017	INL	Total Electric Industry	19.20	14.81	12.34	0.00	NA	10.17

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2017	NJ	Total Electric Industry	15.65	12.28	10.12	8.81	NA	13.32
2017	NM	Total Electric Industry	12.88	10.19	6.15	0.00	NA	9.59
2017	NV	Total Electric Industry	11.99	7.96	6.15	8.61	NA	8.76
2017	NY	Total Electric Industry	18.03	14.75	5.92	12.67	NA	14.74
2017	OH	Total Electric Industry	12.63	10.05	6.92	7.50	NA	9.84
2017	OK	Total Electric Industry	10.61	8.11	5.42	0.00	NA	8.20
2017	OR	Total Electric Industry	10.66	8.86	5.98	9.35	NA	8.81
2017	PA	Total Electric Industry	14.23	8.98	6.77	7.16	NA	10.13
2017	RI	Total Electric Industry	18.32	15.20	14.57	17.08	NA	16.42
2017	SC	Total Electric Industry	13.02	10.57	6.19	0.00	NA	9.97
2017	SD	Total Electric Industry	11.77	9.74	7.84	0.00	NA	10.05
2017	TN	Total Electric Industry	10.72	10.55	5.83	0.00	NA	9.45
2017	TX	Total Electric Industry	11.01	8.26	5.35	8.16	NA	8.38
2017	UT	Total Electric Industry	10.95	8.65	6.13	10.26	NA	8.60
2017	VA	Total Electric Industry	11.55	8.01	6.51	8.11	NA	9.18
2017	VT	Total Electric Industry	17.68	14.61	10.21	0.00	NA	14.60
2017	WA	Total Electric Industry	9.66	8.57	4.60	9.18	NA	7.94
2017	WI	Total Electric Industry	14.35	10.87	7.49	14.31	NA	10.76
2017	WV	Total Electric Industry	11.63	9.58	6.64	0.00	NA	9.00
2017	WY	Total Electric Industry	11.37	9.70	6.92	0.00	NA	8.28
2017	US	Total Electric Industry	12.89	10.66	6.88	9.68	NA	10.48
2017	AK	Full-Service Providers	21.27	18.89	16.34	0.00	NA NA	19.10
2017	AL	Full-Service Providers	12.55	11.60	6.16	0.00	NA NA	9.83
2017	AR	Full-Service Providers	10.28	8.51	6.07	12.26	NA NA	8.26
2017	AZ	Full-Service Providers	12.44	10.50	6.45	9.65	NA NA	10.64
2017	CA	Full-Service Providers	18.15	16.10	13.51	12.00	NA NA	16.44
2017	CO	Full-Service Providers Full-Service Providers	18.15	9.89		9.77	NA NA	
2017	CT		12.17	15.34	7.50 10.55	9.77	NA NA	9.99 18.10
	DC	Full-Service Providers Full-Service Providers	19.82	15.34	0.00	9.26	NA NA	
2017								12.15
2017	DE	Full-Service Providers	13.23	11.71	9.87	0.00	NA	12.43
2017	FL	Full-Service Providers	11.61	9.35	7.83	8.62	NA	10.42
2017	GA	Full-Service Providers	11.90	10.09	5.96	5.35	NA	9.83
2017	HI	Full-Service Providers	29.50	26.77	22.92	0.00	NA	26.05
2017	IA	Full-Service Providers	12.34	9.46	6.21	0.00	NA	8.73
2017	ID	Full-Service Providers	10.04	7.98	6.66	0.00	NA	8.26
2017	IL	Full-Service Providers	12.64	9.99	7.24	0.00	NA	11.14
2017	IN	Full-Service Providers	12.29	10.54	7.54	11.23	NA	9.77
2017	KS	Full-Service Providers	13.31	10.59	7.54	0.00	NA	10.60
2017	KY	Full-Service Providers	10.85	9.85	5.72	0.00	NA	8.57
2017	LA	Full-Service Providers	9.74	8.95	5.48	9.93	NA	7.79
2017	MA	Full-Service Providers	19.00	14.89	12.65	0.00	NA	16.99
2017	MD	Full-Service Providers	13.61	11.45	9.30	0.00	NA	13.03
2017	ME	Full-Service Providers	15.56	11.67	10.14	0.00	NA	14.16
2017	MI	Full-Service Providers	15.40	11.37	7.49	11.99	NA	11.74
2017	MN	Full-Service Providers	13.04	10.48	7.37	9.56	NA NA	10.27
2017	MO	Full-Service Providers	11.63	9.47	7.33	8.42	NA	10.03
2017	MS	Full-Service Providers	11.08	10.17	5.99	0.00	NA NA	9.09
2017	MT	Full-Service Providers	10.95	10.26	7.66	0.00	NA NA	10.16
2017	NC	Full-Service Providers	10.94	8.44	6.20	8.55	NA NA	9.04
2017	ND		10.29	9.19	7.63	0.00	NA NA	8.78
2017		Full-Service Providers Full-Service Providers	10.29	8.85	7.66	0.00	NA NA	9.08
	NE							
2017	NH	Full-Service Providers	19.69	19.45	21.66	0.00	NA	19.71
2017	NJ	Full-Service Providers	15.49	12.79	7.53	0.00		14.24
2017	NM	Full-Service Providers	12.88	10.19				9.59
2017	NV	Full-Service Providers	11.99	8.69	6.55	8.61	NA	9.26
2017	NY	Full-Service Providers	17.44	16.32	5.60	14.00		16.51
2017	OH	Full-Service Providers	12.54	11.24	8.91	9.29		11.63
2017	OK	Full-Service Providers	10.61	8.11	5.42	0.00	NA	8.20
2017	OR	Full-Service Providers	10.66	8.99		9.35		8.98
2017	PA	Full-Service Providers	13.64	10.91	7.59	0.00		12.77
2017	RI	Full-Service Providers	17.99	16.15	15.41	0.00	NA	17.37
2017	SC	Full-Service Providers	13.02	10.57	6.19	0.00	NA	9.97
2017	SD	Full-Service Providers	11.77	9.74	7.84	0.00	NA	10.05
2017	TN	Full-Service Providers	10.72	10.55	5.83	0.00	NA	9.45
2017	TX	Full-Service Providers	11.01	8.26	5.35	8.16	NA	8.38
2017	UT	Full-Service Providers	10.95	8.64	6.13	10.26	NA	8.60
2017	VA	Full-Service Providers	11.55	8.02	6.55	8.11	NA	9.20
2017	VT	Full-Service Providers	17.68	14.61	10.21	0.00	NA	14.60
2017	WA	Full-Service Providers	9.66	8.58	4.75	9.18	NA NA	8.06
2017	WI	Full-Service Providers	14.35	10.87	7.49	14.31	NA NA	10.76
2017	WV	Full-Service Providers	11.63	9.58		0.00		9.00
2017	WY	Full-Service Providers	11.37	9.70	6.92	0.00	NA NA	8.28
2017 2017	US	Full-Service Providers Full-Service Providers	12.66	10.44	6.92	10.32		10.43
2017			20.96	10.44	10.05	10.32 5.23		10.43
	CA	Restructured Retail Service Providers						
2017	CT	Restructured Retail Service Providers	21.38	16.30	14.03	11.09		17.11
2017	DC	Restructured Retail Service Providers	15.17	11.60	8.23	8.90	NA	11.67

		nts/kilowatthour) by State by Provide	_				1	
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2017	DE	Restructured Retail Service Providers	14.84	8.71	6.40	0.00	NA	8.43
2017	IL	Restructured Retail Service Providers	13.48	8.66	6.35	6.35	NA	8.56
2017	MA	Restructured Retail Service Providers	22.04	16.30	14.63	6.22	NA	17.22
2017	MD	Restructured Retail Service Providers	15.40	10.54	8.25	7.74	NA	11.04
2017	ME	Restructured Retail Service Providers	18.25	12.53	9.13	0.00	NA	11.70
2017	MI	Restructured Retail Service Providers	15.55	7.61	5.72	0.00	NA	6.52
2017	MT	Restructured Retail Service Providers	10.91	5.32	3.53	0.00	NA	3.62
2017	NH	Restructured Retail Service Providers	17.38	12.71	11.11	0.00	NA	12.98
2017	NJ	Restructured Retail Service Providers	16.52	12.04	10.90	8.81	NA	12.37
2017	NV	Restructured Retail Service Providers	0.00	5.39	2.95	0.00	NA	4.51
2017	NY	Restructured Retail Service Providers	20.81	13.96	5.99	12.48	NA	13.12
2017	ОН	Restructured Retail Service Providers	12.74	9.73	6.55	7.34	NA	9.05
2017	OR	Restructured Retail Service Providers	0.00	6.46	4.94	0.00	NA	5.50
2017	PA	Restructured Retail Service Providers	15.32	8.43	6.73	7.16	NA	8.90
2017	RI	Restructured Retail Service Providers	20.73	14.76	14.36	17.08	NA	15.34
2017	VA	Restructured Retail Service Providers	0.00	6.22	4.73	0.00	NA	5.20
2017	WA	Restructured Retail Service Providers	0.00	3.85	3.17	0.00	NA	3.18
2017	US	Restructured Retail Service Providers	16.04	11.55	7.11	9.50	NA	10.79
2017	CA	Energy-Only Providers	6.80	5.65	4.68	3.50	NA	5.49
2017	CT	Energy-Only Providers	8.98	8.08	7.67	5.92	NA	8.21
2017	DC	Energy-Only Providers	10.84	7.05	6.79	5.70	NA	7.27
2017	DE	Energy-Only Providers	9.46	6.44	5.54	0.00	NA	6.38
2017	IL	Energy-Only Providers	7.41	5.93	5.08	4.96	NA	5.84
2017	MA	Energy-Only Providers	11.37	9.16	8.79	5.30	NA	9.55
2017	MD	Energy-Only Providers	9.81	6.91	6.06	5.90	NA	7.27
2017	ME	Energy-Only Providers	9.65	7.05	6.24	0.00	NA NA	7.02
2017	MI	Energy-Only Providers	8.50	5.53	5.12	0.00	NA NA	5.29
2017	MT	Energy-Only Providers	6.36	2.90	3.02	0.00	NA NA	3.01
2017	NH	Energy-Only Providers	10.06	7.75	7.39	0.00	NA NA	8.01
2017	NJ	Energy-Only Providers	11.76	8.13	7.54	7.17	NA NA	8.47
2017	NV	Energy-Only Providers	0.00	4.39	2.81	0.00	NA NA	3.82
2017	NY	Energy-Only Providers	9.38	7.04	4.12	7.28	NA NA	6.74
2017	OH	Energy-Only Providers	6.23	5.33	4.86	5.01	NA NA	5.33
2017	OR	Energy-Only Providers	0.23	3.50	3.48	0.00	NA NA	3.49
2017	PA		8.49	6.23	5.75	5.49	NA NA	6.42
2017	RI	Energy-Only Providers	10.38	7.60	7.74	7.95	NA NA	7.92
		Energy-Only Providers						
2017	VA	Energy-Only Providers	0.00	5.59	4.54	0.00	NA NA	4.87
2017	WA	Energy-Only Providers	0.00	2.88	2.56	0.00	NA	2.56
2017	US	Energy-Only Providers	8.26	6.70	5.26	6.19	NA NA	6.47
2017	CA	Delivery-Only Service	14.16	8.49	5.36	1.73	NA	8.24
2017	CT	Delivery-Only Service	12.39	8.22	6.35	5.16	NA	8.90
2017	DC	Delivery-Only Service	4.33	4.55	1.44	3.20	NA	4.40
2017	DE	Delivery-Only Service	5.38	2.27	0.87	0.00	NA	2.05
2017	IL	Delivery-Only Service	6.07	2.74	1.28	1.39	NA	2.73
2017	MA	Delivery-Only Service	10.68	7.14	5.84	0.92	NA	7.67
2017	MD	Delivery-Only Service	5.59	3.63	2.19	1.84	NA	3.76
2017	ME	Delivery-Only Service	8.61	5.49	2.89	0.00	NA	4.68
2017	MI	Delivery-Only Service	7.05	2.08	0.60	0.00	NA	1.23
2017	MT	Delivery-Only Service	4.55	2.42	0.51	0.00	NA	0.61
2017	NH	Delivery-Only Service	7.32	4.96	3.72	0.00	NA	4.97
2017	NJ	Delivery-Only Service	4.76	3.90	3.36	1.65	NA	3.90
2017	NV	Delivery-Only Service	0.00	0.99	0.14	0.00	NA	0.69
2017	NY	Delivery-Only Service	11.43	6.92	1.87	5.21	NA	6.39
2017	ОН	Delivery-Only Service	6.50	4.40				3.72
2017	OR	Delivery-Only Service	0.00	2.96	1.46	0.00	NA	2.01
2017	PA	Delivery-Only Service	6.83	2.20	0.97	1.67	NA	2.48
2017	RI	Delivery-Only Service	10.34	7.17	6.61	9.14		7.42
2017	VA	Delivery-Only Service	0.00	0.63	0.19	0.00	NA	0.33
2017	WA	Delivery-Only Service	0.00	0.97	0.61	0.00	NA	0.62
2017	US	Delivery-Only Service	7.79	4.85	1.85	3.31	NA	4.32
2016	AK	Total Electric Industry	20.30	17.56	15.22	0.00	NA	17.93
2016	AL	Total Electric Industry	11.99	11.11	6.04	0.00	NA	9.56
2016	AR	Total Electric Industry	9.92	8.23	6.08	10.40	NA	8.13
2016	AZ	Total Electric Industry	12.15	10.41	6.07	9.93	NA	10.33
2016	CA	Total Electric Industry	17.39	15.07	11.92	9.80	NA	15.23
2016	CO	Total Electric Industry	12.07	9.60	7.35	9.80	NA NA	9.83
2016	CT	Total Electric Industry	20.01	15.75	12.81	10.84	NA NA	17.24
2016	DC	Total Electric Industry	12.29	11.72	8.80	9.53	NA NA	11.73
2016	DE	Total Electric Industry	13.42	10.07	8.11	0.00	NA NA	11.73
2016	FL	Total Electric Industry	10.98	8.90	7.69	8.32	NA NA	9.91
2016	GA	Total Electric Industry	11.50	9.81	5.84	5.08	NA NA	9.59
2016	HI		11.50 27.47	24.64		0.00	NA NA	
		Total Electric Industry			20.69			23.87
2016	IA	Total Electric Industry	11.94	9.17	6.05	0.00	NA NA	8.55
2016	ID	Total Electric Industry	9.95	7.76	6.55	0.00	NA NA	8.08
2016	IL	Total Electric Industry Total Electric Industry	12.54 11.79	9.02	6.51 6.97	6.67 9.82	NA NA	9.38 9.22
2016	IN					0.02		

		nts/kilowatthour) by State by Provide				_		
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2016	KS	Total Electric Industry	13.06	10.47	7.49	0.00	NA	10.49
2016	KY	Total Electric Industry	10.49	9.57	5.67	0.00	NA NA	8.42
2016	LA	Total Electric Industry	9.34	8.59	5.08	9.03	NA	7.46
2016	MA	Total Electric Industry	19.00	15.60	13.38	5.94	NA NA	16.48
2016	MD	Total Electric Industry	14.23	10.99	7.89	7.85	NA	12.21
2016	ME	Total Electric Industry	15.83	12.08	8.96	0.00	NA NA	12.80
2016	MI	Total Electric Industry	15.22	10.64	6.91	11.63	NA	11.05
2016	MN	Total Electric Industry	12.67	9.86	7.37	10.06	NA	9.99
2016	MO	Total Electric Industry	11.21	9.26	7.12	8.31	NA	9.74
2016	MS	Total Electric Industry	10.47	9.57	5.79	0.00	NA NA	8.67
2016	MT	Total Electric Industry	10.94	10.19	5.06	0.00	NA	8.84
2016	NC	Total Electric Industry	11.03	8.62	6.31	7.88	NA	9.20
2016	ND	Total Electric Industry	10.16	9.15	7.98	0.00	NA	8.94
2016	NE	Total Electric Industry	10.84	8.80	7.69	0.00	NA	9.05
2016	NH	Total Electric Industry	18.38	14.43	12.34	0.00	NA	15.66
2016	NJ	Total Electric Industry	15.72	12.26	10.16	8.68	NA	13.38
2016	NM	Total Electric Industry	12.03	9.75	5.84	0.00	NA	9.12
2016	NV	Total Electric Industry	11.41	7.93	5.88	7.83	NA	8.39
2016	NY	Total Electric Industry	17.58	14.45	6.03	12.05	NA	14.47
2016	OH	Total Electric Industry	12.47	9.97	6.98	7.93	NA	9.84
2016	OK	Total Electric Industry	10.20	7.66	5.02	0.00	NA	7.83
2016	OR	Total Electric Industry	10.66	8.91	6.05	9.26	NA	8.83
2016	PA	Total Electric Industry	13.86	9.22	6.92	7.64	NA NA	10.19
2016	RI	Total Electric Industry	18.62	14.88	13.48	18.71	NA NA	16.28
2016	SC	Total Electric Industry	12.65	10.28	6.09	0.00	NA	9.79
2016	SD	Total Electric Industry	11.47	9.58	7.57	0.00	NA	9.83
2016	TN	Total Electric Industry	10.41	10.19	5.68	0.00	NA	9.23
2016	TX	Total Electric Industry	10.99	8.26	5.33	7.92	NA	8.43
2016	UT	Total Electric Industry	11.02	8.75	6.33	9.76	NA	8.72
2016	VA	Total Electric Industry	11.36	7.93	6.56	7.76	NA	9.09
2016	VT	Total Electric Industry	17.37	14.54	10.23	0.00	NA	14.46
2016	WA	Total Electric Industry	9.48	8.43	4.43	8.89	NA	7.68
2016	WI	Total Electric Industry	14.07	10.77	7.50	14.68	NA	10.67
2016	WV	Total Electric Industry	11.44	9.35	6.57	0.00	NA	8.98
2016	WY	Total Electric Industry	11.13	9.40	6.92	0.00	NA	8.19
2016	US	Total Electric Industry	12.55	10.43	6.76	9.63	NA	10.27
2016	AK	Full-Service Providers	20.30	17.56	15.22	0.00	NA	17.93
2016	AL	Full-Service Providers	11.99	11.11	6.04	0.00	NA	9.56
2016	AR	Full-Service Providers	9.92	8.23	6.08	10.40	NA	8.13
2016	AZ	Full-Service Providers	12.15	10.41	6.07	9.93	NA	10.33
2016	CA	Full-Service Providers	17.32	15.50	12.70	11.91	NA	15.68
2016	CO	Full-Service Providers	12.07	9.60	7.35	9.80	NA	9.83
2016	CT	Full-Service Providers	19.46	15.42	10.20	8.25	NA	17.82
2016	DC	Full-Service Providers	11.49	12.22	0.00	18.38	NA	11.76
2016	DE	Full-Service Providers	13.32	12.26	9.95	0.00	NA	12.64
2016	FL	Full-Service Providers	10.98	8.90	7.69	8.32	NA	9.91
2016	GA	Full-Service Providers	11.50	9.81	5.84	5.08	NA	9.59
2016	HI	Full-Service Providers	27.47	24.64	20.69	0.00	NA	23.87
2016	IA	Full-Service Providers	11.94	9.17	6.05	0.00	NA	8.55
2016	ID	Full-Service Providers	9.95	7.76	6.55	0.00	NA	8.08
2016	IL	Full-Service Providers	12.16	9.71	6.99	0.00	NA	10.73
2016	IN	Full-Service Providers	11.79	10.01	6.97	9.82	NA NA	9.22
2016	KS	Full-Service Providers	13.06	10.47	7.49	0.00		10.49
2016	KY	Full-Service Providers	10.49	9.57	5.67	0.00		8.42
2016	LA	Full-Service Providers	9.34	8.59	5.08	9.03		7.46
2016	MA	Full-Service Providers	18.18	15.34	12.71	0.00		16.64
2016	MD	Full-Service Providers	13.92	11.63	9.33	0.00		13.30
2016	ME	Full-Service Providers	15.27	11.68	9.16	0.00	NA	13.89
2016	MI	Full-Service Providers	15.22	11.02				11.50
2016	MN	Full-Service Providers	12.67	9.86		10.06		9.99
2016	MO	Full-Service Providers	11.21	9.26	7.12	8.31	NA	9.74
2016	MS	Full-Service Providers	10.47	9.57	5.79	0.00	NA	8.67
2016	MT	Full-Service Providers	10.94	10.33	7.50	0.00		10.13
2016	NC	Full-Service Providers	11.03	8.62	6.31	7.88		9.20
2016	ND	Full-Service Providers	10.16	9.15	7.98	0.00	NA	8.94
2016	NE	Full-Service Providers	10.84	8.80	7.69	0.00	NA	9.05
2016	NH	Full-Service Providers	18.66	18.91	22.89	0.00		18.92
2016	NJ	Full-Service Providers	15.60	12.74	7.83	7.49		14.37
2016	NM	Full-Service Providers	12.03	9.75	5.84	0.00	NA	9.12
2016	NV	Full-Service Providers	11.41	8.21	6.20	7.83	NA	8.69
2016	NY	Full-Service Providers	16.92	15.46		12.87	NA	15.89
2016	OH	Full-Service Providers	12.52	10.97	8.03	9.73	NA	11.35
2016	OK	Full-Service Providers	10.20	7.66	5.02	0.00	NA	7.83
2016	OR	Full-Service Providers	10.66	9.04	6.20	9.26	NA	8.99
2016	PA	Full-Service Providers	13.26	11.00	7.85	0.00	NA	12.52
2016	RI	Full-Service Providers	18.42	16.43	14.85	0.00	NA	17.73

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2016	SC	Full-Service Providers	12.65	10.28	6.09	0.00	NA	9.79
2016	SD	Full-Service Providers	11.47	9.58	7.57	0.00	NA NA	9.83
2016	TN	Full-Service Providers	10.41	10.19	5.68	0.00		9.23
2016	TX	Full-Service Providers	10.99	8.26	5.33	7.92	NA NA	8.43
2016	UT	Full-Service Providers	11.02	8.75	6.33	9.76	NA	8.72
2016	VA	Full-Service Providers	11.36	7.94	6.61	7.76		9.12
2016	VT	Full-Service Providers	17.37	14.54	10.23	0.00	NA	14.46
2016	WA	Full-Service Providers	9.48	8.44	4.51	8.89	NA	7.78
2016	WI	Full-Service Providers	14.07	10.77	7.49	14.68	NA NA	10.67
2016	WV	Full-Service Providers	11.44	9.35	6.57	0.00	NA NA	8.98
2016	WY	Full-Service Providers	11.13	9.40	6.92	0.00	NA	8.19
2016	US	Full-Service Providers	12.34	10.19	6.68	9.87	NA NA	10.20
2016	CA	Restructured Retail Service Providers	20.50	12.51	8.87	7.48	NA	11.73
2016	CT	Restructured Retail Service Providers	21.14	15.85	13.70	11.05		16.81
2016	DC	Restructured Retail Service Providers	14.85	11.64	8.80	9.52	NA	11.72
2016	DE 	Restructured Retail Service Providers	14.67	8.66	6.90	0.00	NA	8.57
2016	IL	Restructured Retail Service Providers	13.07	8.70	6.43	6.67	NA	8.66
2016	MA	Restructured Retail Service Providers	20.70	15.69	13.81	5.94	NA	16.36
2016	MD	Restructured Retail Service Providers	15.46	10.80	7.70	7.85	NA	11.21
2016	ME	Restructured Retail Service Providers	18.48	12.39	8.94	0.00	NA	11.67
2016	MI	Restructured Retail Service Providers	14.69	7.38	5.51	0.00		6.34
2016	MT	Restructured Retail Service Providers	11.00	5.63	3.34	0.00	NA	3.46
2016	NH	Restructured Retail Service Providers	17.10	12.17	10.89	0.00	NA NA	12.48
2016	NJ	Restructured Retail Service Providers	16.45	12.02	10.81	8.72	NA NA	12.31
2016	NV	Restructured Retail Service Providers	0.00	6.04	3.00	0.00	NA	4.47
2016	NY	Restructured Retail Service Providers	20.52	13.94	6.14	11.94	NA NA	13.18
2016	OH	Restructured Retail Service Providers	12.41	9.70	6.74	7.75		9.11
2016	OR	Restructured Retail Service Providers	0.00	6.23	4.71	0.00		5.27
2016	PA	Restructured Retail Service Providers	14.99	8.72	6.87	7.64	NA	9.07
2016	RI	Restructured Retail Service Providers	20.15	14.17	13.16	18.71	NA	14.62
2016	VA	Restructured Retail Service Providers	0.00	6.70	4.26	0.00	NA	5.03
2016	WA	Restructured Retail Service Providers	0.00	3.62	3.49	0.00	NA	3.49
2016	US	Restructured Retail Service Providers	15.46	11.42	7.12	9.56	NA	10.67
2016	CA	Energy-Only Providers	7.35	5.37	4.43	4.57	NA	5.17
2016	CT	Energy-Only Providers	9.54	8.21	7.83	6.39		8.47
2016	DC	Energy-Only Providers	10.68	7.38	7.41	6.41	NA	7.57
2016	DE	Energy-Only Providers	9.89	6.59	6.08	0.00	NA	6.69
2016	IL	Energy-Only Providers	7.33	6.10	5.21	5.19		5.98
2016	MA	Energy-Only Providers	11.01	8.89	8.40	5.05		9.22
2016	MD	Energy-Only Providers	10.20	7.34	5.58	6.12	NA	7.62
2016	ME	Energy-Only Providers	10.18	7.34	6.29	0.00	NA	7.26
2016	MI	Energy-Only Providers	7.75	5.54	4.98	0.00		5.23
2016	MT	Energy-Only Providers	6.00	3.32	2.85	0.00	NA	2.87
2016	NH	Energy-Only Providers	10.51	7.86	7.79	0.00	NA	8.22
2016	NJ	Energy-Only Providers	11.88	8.12	7.39	7.04	NA	8.42
2016	NV	Energy-Only Providers	0.00	5.64	2.87	0.00	NA	4.21
2016	NY	Energy-Only Providers	9.46	7.03	4.26	6.68	NA	6.78
2016	OH	Energy-Only Providers	6.39	5.62	5.09	5.21	NA	5.58
2016	OR	Energy-Only Providers	0.00	3.41	3.29	0.00	NA	3.33
2016	PA	Energy-Only Providers	8.61	6.57	5.89	5.95		6.65
2016	RI	Energy-Only Providers	11.04	7.88	7.44	10.58	NA	8.14
2016	VA	Energy-Only Providers	0.00	6.04	4.12	0.00	NA	4.73
2016	WA	Energy-Only Providers	0.00	2.78	2.97	0.00		2.97
2016	US	Energy-Only Providers	8.37	6.85				6.62
2016	CA	Delivery-Only Service	13.15	7.15	4.44	2.91	NA	6.57
2016	CT	Delivery-Only Service	11.59	7.64	5.87	4.66		8.34
2016	DC	Delivery-Only Service	4.17	4.26		3.11		4.15
2016	DE 	Delivery-Only Service	4.78	2.06		0.00		1.88
2016	IL	Delivery-Only Service	5.74	2.60		1.47	NA	2.67
2016	MA	Delivery-Only Service	9.69	6.80		0.89		7.14
2016	MD	Delivery-Only Service	5.26	3.46	2.12	1.73		3.59
2016	ME	Delivery-Only Service	8.30	5.05	2.64	0.00		4.41
2016	MI	Delivery-Only Service	6.94	1.84	0.53	0.00		1.11
2016	MT	Delivery-Only Service	5.00	2.31	0.49	0.00		0.59
2016	NH	Delivery-Only Service	6.60	4.31	3.09	0.00		4.25
2016	NJ	Delivery-Only Service	4.58	3.90	3.42	1.68		3.88
2016	NV	Delivery-Only Service	0.00	0.40		0.00		0.26
2016	NY	Delivery-Only Service	11.06	6.91	1.88	5.26		6.40
2016	OH	Delivery-Only Service	6.03	4.07	1.65	2.55		3.53
2016	OR	Delivery-Only Service	0.00	2.82	1.42	0.00		1.93
2016	PA	Delivery-Only Service	6.38	2.15	0.98	1.68	NA	2.43
2016	RI	Delivery-Only Service	9.11	6.28	5.72	8.13	NA	6.48
2016	VA	Delivery-Only Service	0.00	0.66	0.14	0.00		0.31
2016	WA	Delivery-Only Service	0.00	0.84	0.52	0.00		0.52
2016	US	Delivery-Only Service	7.09	4.57	1.75	3.38	NA	4.06
2015	AK	Total Electric Industry	19.83	17.44		0.00		17.59
		,				,	1	

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2015	AL	Total Electric Industry	11.70	10.83	6.03	0.00	NA	9.33
2015	AR	Total Electric Industry	9.82	8.32	6.23	11.21	NA	8.19
2015	AZ	Total Electric Industry	12.13	10.39	6.26	9.40	NA	10.34
2015	CA	Total Electric Industry	16.99	15.73	12.17	8.99	NA	15.42
2015	CO	Total Electric Industry	12.12	9.88	7.40	10.08	NA	9.94
2015	CT	Total Electric Industry	20.94	15.97	12.95	13.18	NA	17.77
2015	DC	Total Electric Industry	12.99	12.01	8.78	9.00	NA	12.07
2015	DE	Total Electric Industry	13.42	10.25	8.28	0.00	NA	11.17
2015	FL	Total Electric Industry	11.58	9.50	8.22	8.92	NA	10.49
2015	GA	Total Electric Industry	11.54	9.89	5.87	5.27	NA	9.62
2015	HI	Total Electric Industry	29.60	26.93	23.06	0.00	NA	26.17
2015	IA	Total Electric Industry	11.63	8.92	5.90	0.00	NA	8.35
2015	ID	Total Electric Industry	9.93	7.80	6.60	0.00	NA	8.09
2015	IL	Total Electric Industry	12.50	9.02	6.67	6.81	NA	9.40
2015	IN	Total Electric Industry	11.57	9.78	6.86	9.92	NA	8.99
2015	KS	Total Electric Industry	12.34	10.10	7.61	0.00	NA	10.14
2015	KY	Total Electric Industry	10.24	9.44	5.48	0.00	NA	8.14
2015	LA	Total Electric Industry	9.33	8.66	5.41	8.28	NA	7.65
2015	MA	Total Electric Industry	19.83	15.79	13.54	7.76	NA	16.90
2015	MD	Total Electric Industry	13.82	11.00	8.53	8.34	NA	12.07
2015	ME	Total Electric Industry	15.61	12.47	9.05	0.00	NA	12.78
2015	MI	Total Electric Industry	14.42	10.55	7.02	11.44	NA	10.76
2015	MN	Total Electric Industry	12.12	9.44	7.02	9.50	NA	9.53
2015	MO	Total Electric Industry	11.21	9.16	6.44	8.36	NA	9.44
2015	MS	Total Electric Industry	11.27	10.55	6.56	0.00	NA	9.53
2015	MT	Total Electric Industry	10.88	10.23	5.32	0.00	NA NA	8.90
2015	NC	Total Electric Industry	11.28	8.73	6.51	7.90	NA NA	9.37
2015	ND	Total Electric Industry	9.62	8.83	8.07	0.00	NA NA	8.75
2015	NE	Total Electric Industry	10.60	8.67	7.59	0.00	NA NA	8.91
2015	NH	Total Electric Industry	18.50	14.96	12.74	0.00	NA NA	16.02
2015	NJ	Total Electric Industry	15.81	12.79	10.64	10.25	NA NA	13.74
2015	NM	Total Electric Industry	12.47	10.30	6.33	0.00	NA NA	9.62
2015	NV	Total Electric Industry	12.76	9.25	6.75	9.11	NA NA	9.48
2015	NY	Total Electric Industry	18.54	15.31	6.31	12.95	NA NA	15.28
2015	OH	-	12.80	10.07	7.02	7.69	NA NA	9.98
2015	OK	Total Electric Industry	10.14	7.68	5.35	0.00	NA NA	7.90
		Total Electric Industry						
2015	OR	Total Electric Industry	10.66	8.80	5.97	9.14	NA NA	8.75
2015	PA	Total Electric Industry	13.64	9.60	7.20	7.82	NA NA	10.31
2015	RI	Total Electric Industry	19.29	15.78	13.76	18.54	NA	17.01
2015	SC	Total Electric Industry	12.57	10.21	6.05	0.00	NA	9.58
2015	SD	Total Electric Industry	11.08	9.16	7.37	0.00	NA	9.47
2015	TN	Total Electric Industry	10.30	10.16		0.00	NA	9.30
2015	TX	Total Electric Industry	11.56	8.15	5.59	5.34	NA	8.70
2015	UT	Total Electric Industry	10.88	8.62	6.17	10.05	NA	8.54
2015	VA	Total Electric Industry	11.37	8.21	6.95	8.11	NA	9.31
2015	VT	Total Electric Industry	17.09	14.54	10.27	0.00	NA	14.41
2015	WA	Total Electric Industry	9.09	8.22	4.35	8.18	NA	7.40
2015	WI	Total Electric Industry	14.11	10.89	7.58	14.66	NA	10.73
2015	WV	Total Electric Industry	10.08	8.61	6.09	0.00	NA	8.11
2015	WY	Total Electric Industry	10.97	9.12	6.76	0.00	NA	7.97
2015	US	Total Electric Industry	12.65	10.64	6.91	10.09	NA	10.41
2015	AK	Full-Service Providers	19.83	17.44	14.53	0.00	NA	17.59
2015	AL	Full-Service Providers	11.70	10.83		0.00		9.33
2015	AR	Full-Service Providers	9.82	8.32			NA	8.19
2015	AZ	Full-Service Providers	12.13	10.39	6.26	9.40	NA	10.34
2015	CA	Full-Service Providers	16.97	16.25		11.20	NA	15.91
2015	CO	Full-Service Providers	12.12	9.88		10.08		9.94
2015	CT	Full-Service Providers	20.38	16.56	11.29	0.00	NA	18.77
2015	DC	Full-Service Providers	12.30	12.23	0.00	0.00	NA	12.27
2015	DE	Full-Service Providers	13.29	12.26	9.96	0.00	NA	12.62
2015	FL	Full-Service Providers	11.58	9.50	8.22	8.92	NA	10.49
2015	GA	Full-Service Providers	11.54	9.89	5.87	5.27	NA	9.62
2015	HI	Full-Service Providers	29.60	26.93		0.00		26.17
2015	IA	Full-Service Providers	11.63	8.92		0.00		8.35
2015	ID	Full-Service Providers	9.93	7.80	6.60	0.00	NA	8.09
2015	IL	Full-Service Providers	12.55	10.05		0.00	NA NA	10.83
2015	IN	Full-Service Providers	11.57	9.78		9.92		8.99
2015	KS	Full-Service Providers	12.34	10.10		0.00	NA NA	10.14
2015	KY	Full-Service Providers	10.24	9.44	5.48	0.00	NA NA	8.14
2015	LA	Full-Service Providers	9.33	8.66		8.28	NA NA	7.65
2015	MA	Full-Service Providers	19.40	16.71		23.64		17.88
2015	MD	Full-Service Providers	13.43	12.05		0.00	NA NA	13.03
2015	ME	Full-Service Providers	14.84	12.05	10.17	0.00	NA NA	13.85
2015	MI	Full-Service Providers	14.42	10.96		11.44		11.20
2015	MN	Full-Service Providers Full-Service Providers	12.12	9.44	7.02	9.50	NA NA	9.53
2015	MO	Full-Service Providers Full-Service Providers	12.12	9.44		9.50 8.36		9.53
2010	IVIO	T UIT-OCT VICE FTOVICEIS	11.21	9.16	0.44	5.30	INA	9.44

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2015	MS	Full-Service Providers	11.27	10.55		0.00	NA	9.53
2015	MT	Full-Service Providers	10.88	10.36	7.41	0.00	NA	10.09
2015	NC	Full-Service Providers	11.28	8.73	6.51	7.90	NA	9.37
2015	ND	Full-Service Providers	9.62	8.83	8.07	0.00	NA	8.75
2015	NE	Full-Service Providers	10.60	8.67	7.59	0.00	NA	8.91
2015	NH	Full-Service Providers	18.62	18.20	19.43	0.00	NA	18.54
2015	NJ	Full-Service Providers	15.61	13.02	8.11	9.05	NA	14.48
2015	NM	Full-Service Providers	12.47	10.30	6.33	0.00	NA	9.62
2015	NV	Full-Service Providers	12.76	9.52	7.11	9.11	NA	9.79
2015	NY	Full-Service Providers	17.80	16.72	6.16	13.19	NA	16.88
2015	OH	Full-Service Providers	12.77	11.22	7.52	11.11	NA	11.24
2015	OK	Full-Service Providers	10.14	7.68	5.35	0.00	NA	7.90
2015	OR	Full-Service Providers	10.66	8.88	6.04	9.14	NA	8.87
2015	PA	Full-Service Providers	13.16	11.46	8.48	0.00	NA	12.54
2015	RI	Full-Service Providers	19.20	17.79	17.09	0.00	NA	18.65
2015	SC	Full-Service Providers	12.57	10.21	6.05	0.00	NA	9.58
2015	SD	Full-Service Providers	11.08	9.16	7.37	0.00	NA	9.47
2015	TN	Full-Service Providers	10.30	10.16	6.17	0.00	NA	9.30
2015	TX	Full-Service Providers	11.56	8.15	5.59	5.34	NA	8.70
2015	UT	Full-Service Providers	10.88	8.62	6.17	10.05	NA	8.54
2015	VA	Full-Service Providers	11.37	8.22	6.94	8.11	NA	9.31
2015	VT	Full-Service Providers	17.09	14.54	10.27	0.00	NA	14.41
2015	WA	Full-Service Providers	9.09	8.23	4.39	8.18	NA	7.48
2015	WI	Full-Service Providers	14.11	10.89	7.58	14.66	NA	10.73
2015	WV	Full-Service Providers	10.08	8.61	6.09	0.00	NA	8.11
2015	WY	Full-Service Providers	10.97	9.12	6.76	0.00	NA	7.97
2015	US	Full-Service Providers	12.45	10.39	6.80	9.71	NA	10.33
2015	CA	Restructured Retail Service Providers	17.85	12.50	9.21	6.21	NA	11.55
2015	CT	Restructured Retail Service Providers	21.97	15.77	13.48	13.18	NA	17.04
2015	DC	Restructured Retail Service Providers	15.27	11.96	8.78	9.00	NA	11.98
2015	DE	Restructured Retail Service Providers	15.20	8.85	7.29	0.00	NA	8.80
2015	IL	Restructured Retail Service Providers	12.45	8.56	6.67	6.81	NA	8.70
2015	MA	Restructured Retail Service Providers	21.28	15.41	13.77	7.76	NA	15.99
2015	MD	Restructured Retail Service Providers	15.24	10.68	8.36	8.34	NA	11.21
2015	ME	Restructured Retail Service Providers	18.69	12.63	8.96	0.00	NA	11.79
2015	MI	Restructured Retail Service Providers	12.47	7.12	5.61	0.00	NA	6.27
2015	MT	Restructured Retail Service Providers	11.67	5.76	3.78	0.00	NA	3.88
2015	NH	Restructured Retail Service Providers	17.92	12.68	11.29	0.00	NA	13.05
2015	NJ	Restructured Retail Service Providers	17.14	12.68	11.29	10.30	NA	12.91
2015	NV	Restructured Retail Service Providers	0.00	6.92	3.25	0.00	NA	4.83
2015	NY	Restructured Retail Service Providers	21.74	14.61	6.34	12.92	NA	13.83
2015	OH	Restructured Retail Service Providers	12.84	9.72	6.87	7.35	NA	9.30
2015	OR	Restructured Retail Service Providers	0.00	6.98	5.34	0.00	NA	5.91
2015	PA	Restructured Retail Service Providers	14.51	9.03	7.12	7.82	NA	9.23
2015	RI	Restructured Retail Service Providers	20.30	14.42	12.72	18.54	NA	14.61
2015	VA	Restructured Retail Service Providers	0.00	6.34	8.88	0.00	NA	6.95
2015	WA	Restructured Retail Service Providers	0.00	4.06	3.83	0.00	NA	3.83
2015	US	Restructured Retail Service Providers	15.35	11.62	7.38	10.20	NA	10.87
2015	CA	Energy-Only Providers	7.78	5.89	4.90	5.08	NA	5.64
2015	CT	Energy-Only Providers	11.76	8.93	8.36	9.23	NA	9.60
2015	DC	Energy-Only Providers	11.06	7.74	7.42	5.93	NA	7.89
2015	DE	Energy-Only Providers	10.32	6.90	6.50	0.00	NA	7.03
2015	IL	Energy-Only Providers	6.60	5.97	5.43	5.35		5.90
2015	MA	Energy-Only Providers	13.01	9.42		6.93		9.89
2015	MD	Energy-Only Providers	10.32	7.51	6.42	6.79		7.89
2015	ME	Energy-Only Providers	10.73	8.08				7.86
2015	MI	Energy-Only Providers	6.15	5.56		0.00		5.21
2015	MT	Energy-Only Providers	6.67	3.46		0.00		3.29
2015	NH	Energy-Only Providers	11.32	8.31	8.16			8.73
2015	NJ	Energy-Only Providers	12.41	8.52		7.70		8.78
2015	NV	Energy-Only Providers	0.00	6.64	3.11	0.00	NA	4.63
2015	NY	Energy-Only Providers	11.19	7.83		7.58		7.61
2015	OH	Energy-Only Providers	6.92	5.82		5.01	NA	5.85
2015	OR	Energy-Only Providers	0.00	4.26		0.00		4.00
2015	PA	Energy-Only Providers	8.94	6.96		6.37	NA	7.01
2015	RI	Energy-Only Providers	12.14	8.74		10.58		8.86
2015	VA	Energy-Only Providers	0.00	5.73	8.29	0.00	NA	6.34
2015	WA	Energy-Only Providers	0.00	3.27	3.34	0.00	NA	3.33
2015	US	Energy-Only Providers	8.76	7.24	5.68	6.92	NA	6.99
2015	CA	Delivery-Only Service	10.07	6.61	4.30	1.13		5.91
2015	CT	Delivery-Only Service	10.21	6.83	5.12	3.94	NA	7.44
2015	DC	Delivery-Only Service	4.21	4.23	1.37	3.07	NA	4.09
2015	DE	Delivery-Only Service	4.88	1.94		0.00	NA	1.77
2015	IL	Delivery-Only Service	5.84	2.58		1.45		2.80
2015	MA	Delivery-Only Service	8.27	5.99		0.83		6.10
2015	MD	Delivery-Only Service	4.92	3.17				3.33
		, ,	.,-					

	Price (Ce	nts/kilowatthour) by State by Provide	r, 1990-2020					
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2015	ME	Delivery-Only Service	7.95	4.56		0.00	NA	3.93
2015	MI	Delivery-Only Service	6.31	1.55	0.68	0.00	NA NA	1.06
2015 2015	MT NH	Delivery-Only Service	5.00 6.60	2.30 4.37	0.50	0.00	NA NA	0.59 4.32
2015	NJ	Delivery-Only Service Delivery-Only Service	4.73	4.37	3.13 3.68	2.60	NA NA	4.32
2015	NV	Delivery-Only Service	0.00	0.28	0.13	0.00	NA NA	0.20
2015	NY	Delivery-Only Service	10.55	6.77	1.77	5.34	NA NA	6.23
2015	OH	Delivery-Only Service	5.92	3.90	1.61	2.34	NA NA	3.46
2015	OR	Delivery-Only Service	0.00	2.72	1.47	0.00	NA	1.90
2015	PA	Delivery-Only Service	5.57	2.07	0.91	1.45	NA	2.22
2015	RI	Delivery-Only Service	8.16	5.68	4.86	7.95	NA	5.75
2015	VA	Delivery-Only Service	0.00	0.61	0.60	0.00	NA	0.61
2015	WA	Delivery-Only Service	0.00	0.79	0.49	0.00	NA	0.50
2015	US	Delivery-Only Service	6.59	4.38	1.70	3.28	NA	3.88
2014	AK	Total Electric Industry	19.14	17.09	15.66	0.00	NA	17.46
2014	AL	Total Electric Industry	11.48	10.79	6.15	0.00	NA	9.27
2014	AR	Total Electric Industry	9.51	8.05	6.02	11.35	NA	7.90
2014	AZ	Total Electric Industry	11.90	10.13	6.46	0.00	NA	10.18
2014	CA	Total Electric Industry	16.25	15.62	12.34	8.90	NA	15.15
2014	CO	Total Electric Industry	12.18	10.08	7.47	10.79	NA NA	10.06
2014	CT	Total Electric Industry	19.75	15.55	12.92	13.08	NA NA	17.05
2014	DC	Total Electric Industry	12.74	12.19	8.41	8.80	NA NA	12.11
2014	DE FL	Total Electric Industry Total Electric Industry	13.29 11.89	10.50 9.87	8.58 7.90	0.00 9.25	NA NA	11.22 10.77
2014	GA	Total Electric Industry	11.65	10.36	6.64	6.98	NA NA	10.77
2014	HI	Total Electric Industry	37.04	34.21	30.22	0.00	NA NA	33.43
2014	IA	Total Electric Industry	11.16	8.67	5.71	0.00	NA NA	8.15
2014	ID	Total Electric Industry	9.72	7.78	6.40	0.00	NA NA	7.93
2014	IL	Total Electric Industry	11.91	9.26	6.85	6.85	NA	9.36
2014	IN	Total Electric Industry	11.46	9.96	6.97	10.20	NA	9.06
2014	KS	Total Electric Industry	12.17	10.13	7.80	0.00	NA	10.16
2014	KY	Total Electric Industry	10.16	9.44	5.68	0.00	NA	8.15
2014	LA	Total Electric Industry	9.57	9.10	6.05	9.27	NA	8.09
2014	MA	Total Electric Industry	17.39	14.68	12.74	8.76	NA	15.35
2014	MD	Total Electric Industry	13.63	11.15	9.04	8.50	NA	12.10
2014	ME	Total Electric Industry	15.27	12.70	8.95	0.00	NA	12.65
2014	MI	Total Electric Industry	14.46	10.87	7.68	9.43	NA	11.03
2014	MN	Total Electric Industry	12.01	9.85	6.72	9.79	NA	9.52
2014	MO	Total Electric Industry	10.64	8.90	6.36	7.81	NA	9.11
2014	MS	Total Electric Industry	11.32	10.76	6.60	0.00	NA NA	9.60
2014	MT NC	Total Electric Industry	10.18	9.64 8.75	5.49 6.50	0.00 7.84	NA NA	8.59 9.33
2014	ND	Total Electric Industry Total Electric Industry	11.10 9.15	8.79	7.62	0.00	NA NA	9.33 8.41
2014	NE	Total Electric Industry	10.40	8.73	7.62	0.00	NA NA	8.84
2014	NH	Total Electric Industry	17.53	14.34	11.93	0.00	NA NA	15.22
2014	NJ	Total Electric Industry	15.78	13.15	11.38	10.43	NA NA	13.95
2014	NM	Total Electric Industry	12.28	10.27	6.61	0.00	NA	9.65
2014	NV	Total Electric Industry	12.93	9.47	7.12	9.25	NA	9.73
2014	NY	Total Electric Industry	20.07	16.12	6.58	13.82	NA	16.25
2014	ОН	Total Electric Industry	12.50	9.83	6.77	8.78	NA	9.73
2014	OK	Total Electric Industry	10.03	8.09	5.85	0.00	NA	8.18
2014	OR	Total Electric Industry	10.47	8.75	5.97	9.21	NA	8.68
2014	PA	Total Electric Industry	13.32	9.73		7.65		10.28
2014	RI	Total Electric Industry	17.17	14.56		14.89		15.41
2014	SC	Total Electric Industry	12.45	10.28		0.00	NA NA	9.67
2014	SD TN	Total Electric Industry Total Electric Industry	10.47 10.32	8.89 10.38	6.99 6.40	0.00 8.57	NA NA	9.05 9.40
2014	TX	Total Electric Industry	11.86	8.16		5.17	NA NA	9.40 8.94
2014	UT	Total Electric Industry	10.65	8.53	6.08	10.34	NA NA	8.35
2014	VA	Total Electric Industry	11.10	8.15		8.24	NA NA	9.17
2014	VT	Total Electric Industry	17.47	14.56		0.00	NA NA	14.57
2014	WA	Total Electric Industry	8.67	7.97	4.32	8.48	NA	7.13
2014	WI	Total Electric Industry	13.67	10.77	7.52	0.00	NA	10.57
2014	WV	Total Electric Industry	9.34	7.99	5.87	0.00	NA	7.65
2014	WY	Total Electric Industry	10.50	8.88	6.61	0.00	NA	7.76
2014	US	Total Electric Industry	12.52	10.74		10.45	NA	10.44
2014	AK	Full-Service Providers	19.14	17.09		0.00	NA	17.46
2014	AL	Full-Service Providers	11.48	10.79		0.00	NA	9.27
2014	AR	Full-Service Providers	9.51	8.05		11.35		7.90
2014	AZ	Full-Service Providers	11.90	10.13	6.46	0.00	NA	10.18
2014	CA	Full-Service Providers	16.24	16.04	12.81	10.75	NA	15.52
2014	CO	Full-Service Providers	12.18	10.08		10.79		10.06
2014	CT	Full-Service Providers	18.57	15.40		14.22	NA NA	17.06
2014	DC DE	Full-Service Providers Full-Service Providers	12.49 13.15	12.24 11.57	0.00 9.97	0.00	NA NA	12.38 12.36
2014	FL	Full-Service Providers Full-Service Providers	13.15	9.87	7.90	9.25		12.36
2014	I L	i uli-Service Providers	11.89	9.87	7.90	9.25	NA	10.77

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2014	GA	Full-Service Providers	11.65	10.36	6.64	6.98	NA	10.03
2014	HI	Full-Service Providers	37.04	34.21	30.22	0.00	NA	33.43
2014	IA	Full-Service Providers	11.16	8.67	5.71	0.00	NA	8.15
2014	ID	Full-Service Providers	9.72	7.78	6.40	0.00	NA	7.93
2014	IL.	Full-Service Providers	11.86	10.03	6.98	0.00	NA	10.41
2014	IN	Full-Service Providers	11.46	9.96	6.97	10.20	NA	9.06
2014	KS	Full-Service Providers	12.17	10.13	7.80	0.00	NA	10.16
2014	KY	Full-Service Providers	10.16	9.44	5.68	0.00	NA	8.15
2014	LA	Full-Service Providers	9.57	9.10	6.05	9.27	NA	8.09
2014	MA	Full-Service Providers	17.08	15.27	12.79	20.11	NA	16.01
2014	MD	Full-Service Providers	13.28	12.19	9.65	0.00	NA	12.91
2014	ME	Full-Service Providers	14.27	12.08	10.43	0.00	NA	12.86
2014	MI	Full-Service Providers	14.46	11.27	8.14	9.43	NA	11.58
2014	MN	Full-Service Providers	12.01	9.85	6.72	9.79	NA	9.52
2014	MO	Full-Service Providers	10.64	8.90	6.36	7.81	NA	9.11
2014	MS	Full-Service Providers	11.32	10.76	6.60	0.00	NA	9.60
2014	MT	Full-Service Providers	10.18	9.74	7.15	0.00	NA	9.54
2014	NC	Full-Service Providers	11.10	8.75	6.50	7.84	NA	9.33
2014	ND	Full-Service Providers	9.15	8.79	7.62	0.00	NA	8.41
2014	NE	Full-Service Providers	10.40	8.73	7.47	0.00	NA	8.84
2014	NH	Full-Service Providers	17.93	17.05	19.80	0.00	NA	17.76
2014	NJ	Full-Service Providers	15.37	13.30	9.18	0.00	NA	14.45
2014	NM	Full-Service Providers	12.28	10.27	6.61	0.00	NA	9.65
2014	NV	Full-Service Providers	12.93	9.75	7.37	9.25	NA NA	9.99
2014	NY	Full-Service Providers	19.52	18.22	7.40	15.61	NA	18.45
2014	OH	Full-Service Providers	12.87	11.64	7.36	12.49	NA	11.25
2014	OK	Full-Service Providers	10.03	8.09	5.85	0.00	NA	8.18
2014	OR	Full-Service Providers	10.47	8.80	5.93	9.21	NA	8.76
2014	PA	Full-Service Providers	12.83	11.24	9.25	0.00	NA	12.26
2014	RI	Full-Service Providers	17.10	15.52	14.86	0.00	NA	16.38
2014	SC	Full-Service Providers	12.45	10.28	6.29	0.00	NA	9.67
2014	SD	Full-Service Providers	10.47	8.89	6.99	0.00	NA	9.05
2014	TN	Full-Service Providers	10.32	10.38	6.40	8.57	NA	9.40
2014	TX	Full-Service Providers	11.86	8.16	6.16	5.17	NA	8.94
2014	UT	Full-Service Providers	10.65	8.53	6.08	10.34	NA	8.35
2014	VA	Full-Service Providers	11.10	8.15	6.89	8.24	NA	9.17
2014	VT	Full-Service Providers	17.47	14.56	10.23	0.00	NA	14.57
2014	WA	Full-Service Providers	8.67	7.97	4.32	8.48	NA	7.19
2014	WI	Full-Service Providers	13.67	10.77	7.52	0.00	NA	10.57
2014	WV	Full-Service Providers	9.34	7.99	5.87	0.00	NA	7.65
2014	WY	Full-Service Providers	10.50	8.88	6.61	0.00	NA	7.76
2014	US	Full-Service Providers	12.34	10.51	7.02	10.49	NA	10.37
2014	CA	Restructured Retail Service Providers	17.06	12.78	10.41	6.52	NA	11.89
2014	CT	Restructured Retail Service Providers	21.64	15.61	13.37	12.36	NA	17.03
2014	DC	Restructured Retail Service Providers	14.02	12.19	8.41	8.80	NA	12.01
2014	DE	Restructured Retail Service Providers	15.10	9.81	7.83	0.00	NA	9.49
2014	IL	Restructured Retail Service Providers	11.96	8.92	6.83	6.85	NA	8.89
2014	MA	Restructured Retail Service Providers	19.02	14.34	12.71	8.76	NA	14.57
2014	MD	Restructured Retail Service Providers	14.75	10.79	8.91	8.50	NA	11.36
2014	ME	Restructured Retail Service Providers	15.29	12.71	8.93	0.00	NA	12.65
2014	MI	Restructured Retail Service Providers	14.07	7.62	6.09	0.00	NA	6.64
2014	MT	Restructured Retail Service Providers	10.00	6.03	4.32	0.00	NA	4.40
2014	NH	Restructured Retail Service Providers	15.83	12.28		0.00		12.22
2014	NJ	Restructured Retail Service Providers	17.86	13.08				13.46
2014	NV	Restructured Retail Service Providers	0.00	7.19		0.00		5.65
2014	NY	Restructured Retail Service Providers	22.28	15.03		13.55		14.27
2014	OH	Restructured Retail Service Providers	12.03	9.28		8.41		8.89
2014	OR	Restructured Retail Service Providers	0.00	7.74		0.00		6.86
2014	PA	Restructured Retail Service Providers	14.11	9.25		7.65		9.36
2014	RI	Restructured Retail Service Providers	18.28	13.51		14.89		13.50
2014	VA	Restructured Retail Service Providers	0.00	8.21	8.15	0.00	NA	8.20
2014	WA	Restructured Retail Service Providers	0.00	0.00		0.00	NA	4.42
2014	US	Restructured Retail Service Providers	14.70	11.69				10.87
2014	CA	Energy-Only Providers	7.94	6.49		5.39		6.37
2014	CT	Energy-Only Providers	11.79	8.52		8.25		9.42
2014	DC	Energy-Only Providers	10.06	8.06		5.71	NA	8.02
2014	DE	Energy-Only Providers	10.12	7.65		0.00		7.62
2014	IL	Energy-Only Providers	6.77	6.57	5.72	5.57	NA	6.29
2014	MA	Energy-Only Providers	10.71	8.40	7.90	7.90	NA	8.60
2014	MD	Energy-Only Providers	10.15	7.76		7.03		8.16
2014	ME	Energy-Only Providers	7.41	7.67	6.69	0.00		7.29
2014	MI	Energy-Only Providers	7.26	5.54	5.39	0.00	NA	5.44
2014	MT	Energy-Only Providers	4.29	3.72		0.00		3.80
2014	NH	Energy-Only Providers	9.60	8.05	7.19	0.00		8.04
2014	NJ	Energy-Only Providers	13.06	8.71	8.19	7.60		9.15
2014	NV	Energy-Only Providers	0.00	6.88	4.13	0.00	NA	5.43

	Price (Ce	nts/kilowatthour) by State by Provide	r, 1990-2020					
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2014	NY	Energy-Only Providers	12.02	8.39	4.68	8.43	NA	8.15
2014	OH	Energy-Only Providers	6.51	5.65	5.10	6.57	NA NA	5.65
2014	OR PA	Energy-Only Providers	0.00 9.13	4.74 7.32	4.62 6.53	0.00 6.37	NA NA	4.66 7.32
2014	RI	Energy-Only Providers Energy-Only Providers	10.39	7.90	7.56	7.79	NA NA	8.00
2014	VA	Energy-Only Providers	0.00	7.42	7.62	0.00	NA NA	7.46
2014	WA	Energy-Only Providers	0.00	0.00	3.97	0.00	NA NA	3.97
2014	US	Energy-Only Providers	8.59	7.43	5.90	7.31	NA NA	7.15
2014	CA	Delivery-Only Service	9.12	6.29	4.30	1.13	NA NA	5.52
2014	CT	Delivery-Only Service	9.85	7.09	5.26	4.11	NA NA	7.61
2014	DC	Delivery-Only Service	3.96	4.13	1.37	3.09	NA	4.00
2014	DE	Delivery-Only Service	4.98	2.16	0.78	0.00	NA	1.87
2014	IL	Delivery-Only Service	5.19	2.35	1.10	1.28	NA	2.60
2014	MA	Delivery-Only Service	8.31	5.94	4.81	0.85	NA	5.97
2014	MD	Delivery-Only Service	4.60	3.03	1.87	1.47	NA	3.20
2014	ME	Delivery-Only Service	7.88	5.04	2.24	0.00	NA	5.35
2014	MI	Delivery-Only Service	6.82	2.08	0.70	0.00	NA	1.19
2014	MT	Delivery-Only Service	5.71	2.31	0.51	0.00	NA	0.60
2014	NH	Delivery-Only Service	6.23	4.24	3.00	0.00	NA	4.18
2014	NJ	Delivery-Only Service	4.80	4.37	3.77	2.83	NA	4.31
2014	NV	Delivery-Only Service	0.00	0.30	0.14	0.00	NA	0.22
2014	NY	Delivery-Only Service	10.25	6.64	1.71	5.12	NA	6.12
2014	OH	Delivery-Only Service	5.53	3.63	1.46	1.84	NA	3.25
2014	OR	Delivery-Only Service	0.00	3.00	1.72	0.00	NA NA	2.20
2014	PA	Delivery-Only Service	4.99	1.94	0.77	1.28	NA NA	2.03
2014	RI	Delivery-Only Service	7.89	5.61	4.41	7.10	NA NA	5.50
2014	VA WA	Delivery Only Service	0.00	0.79	0.53 0.45	0.00	NA NA	0.74 0.45
2014 2014	US	Delivery-Only Service Delivery-Only Service	6.00 6.11	4.26	1.58	3.12	NA NA	3.72
2014	AK	Total Electric Industry	18.12	15.58	15.83	0.00	NA NA	16.49
2013	AL	Total Electric Industry	11.26	10.51	5.95	0.00	NA NA	9.02
2013	AR	Total Electric Industry	9.59	8.05	6.04	11.58	NA NA	7.93
2013	AZ	Total Electric Industry	11.71	9.85	6.66	0.00	NA NA	10.14
2013	CA	Total Electric Industry	16.23	14.20	11.44	8.54	NA NA	14.30
2013	CO	Total Electric Industry	11.93	9.86	7.34	10.55	NA NA	9.88
2013	CT	Total Electric Industry	17.55	14.63	12.61	10.31	NA NA	15.66
2013	DC	Total Electric Industry	12.57	11.94	5.54	9.52	NA	11.85
2013	DE	Total Electric Industry	12.95	10.20	8.43	0.00	NA	10.90
2013	FL	Total Electric Industry	11.27	9.39	7.61	8.69	NA	10.22
2013	GA	Total Electric Industry	11.46	9.99	6.27	8.03	NA	9.69
2013	HI	Total Electric Industry	36.98	34.05	29.87	0.00	NA	33.26
2013	IA	Total Electric Industry	11.04	8.44	5.62	0.00	NA	8.07
2013	ID	Total Electric Industry	9.32	7.37	6.09	0.00	NA	7.57
2013	IL	Total Electric Industry	10.63	8.14	5.94	5.34	NA	8.26
2013	IN	Total Electric Industry	10.99	9.60	6.70	9.87	NA	8.73
2013	KS	Total Electric Industry	11.64	9.68	7.39	0.00	NA	9.72
2013	KY	Total Electric Industry	9.79	8.56	5.66	0.00	NA	7.69
2013	LA	Total Electric Industry	9.43	8.96	5.92	9.45	NA	8.04
2013	MA	Total Electric Industry	15.83	14.23	13.18	13.06	NA	14.51
2013	MD	Total Electric Industry	13.25	10.68	8.36	8.47	NA NA	11.66
2013	ME	Total Electric Industry	14.35	11.74	8.34	0.00	NA NA	11.86
2013	MI	Total Electric Industry	14.59	11.06	7.72	8.77	NA NA	11.21
2013	MN	Total Electric Industry	11.81	9.42		9.79	NA NA	9.41
2013	MO MS	Total Electric Industry Total Electric Industry	10.60 10.78	8.80 10.10		7.81 0.00	NA NA	9.04 9.11
2013	MT	Total Electric Industry	10.78	9.54	5.43	0.00	NA NA	8.58
2013	NC	Total Electric Industry	10.33	8.76	6.45	7.94	NA NA	9.24
2013	ND	Total Electric Industry	9.12	8.39		0.00	NA NA	8.20
2013	NE	Total Electric Industry	10.31	8.60	7.44	0.00	NA NA	8.74
2013	NH	Total Electric Industry	16.33	13.52	11.40	0.00	NA NA	14.30
2013	NJ	Total Electric Industry	15.73	12.77	10.80	10.60	NA NA	13.70
2013	NM	Total Electric Industry	11.68	9.74	6.36	0.00	NA	9.25
2013	NV	Total Electric Industry	11.89	9.01	6.52	8.47	NA	9.03
2013	NY	Total Electric Industry	18.79	15.35	6.58	13.65	NA	15.44
2013	ОН	Total Electric Industry	12.01	9.35	6.22	6.62	NA	9.20
2013	OK	Total Electric Industry	9.67	7.77	5.49	0.00	NA	7.86
2013	OR	Total Electric Industry	9.90	8.68	5.80	8.88	NA	8.44
2013	PA	Total Electric Industry	12.79	9.25	6.97	7.81	NA	9.81
2013	RI	Total Electric Industry	15.20	12.92		13.03	NA	13.72
2013	SC	Total Electric Industry	11.99	9.88	6.01	0.00	NA	9.24
2013	SD	Total Electric Industry	10.26	8.51	6.97	0.00	NA	8.86
2013	TN	Total Electric Industry	9.98	10.00		11.68	NA	9.13
2013	TX	Total Electric Industry	11.35	8.02		10.19		8.66
2013	UT	Total Electric Industry	10.37	8.32	5.87	10.68	NA	8.15
2013	VA	Total Electric Industry	10.84	8.00		8.17	NA	8.96
2013	VT	Total Electric Industry	17.14	14.66	10.84	0.00	NA	14.61

		nts/kilowatthour) by State by Provide				_		
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2013	WA WI	Total Electric Industry	8.70 13.55	7.78 10.75	4.23 7.40	8.04 0.00	NA NA	7.09 10.51
2013	WV	Total Electric Industry Total Electric Industry	9.52	8.17	6.20	8.68	NA NA	7.91
2013	WY	Total Electric Industry	10.16	8.57	6.42	0.00	NA NA	7.55
2013	US	Total Electric Industry	12.13	10.26	6.89	10.55	NA NA	10.07
2013	AK	Full-Service Providers	18.12	15.58	15.83	0.00	NA.	16.49
2013	AL	Full-Service Providers	11.26	10.51	5.95	0.00	NA	9.02
2013	AR	Full-Service Providers	9.59	8.05	6.04	11.58	NA	7.93
2013	AZ	Full-Service Providers	11.71	9.85	6.66	0.00	NA	10.14
2013	CA	Full-Service Providers	16.21	14.54	11.85	9.89	NA	14.65
2013	CO	Full-Service Providers	11.93	9.86	7.34	10.55	NA	9.88
2013	CT	Full-Service Providers	16.62	14.09	10.59	0.00	NA	15.44
2013	DC	Full-Service Providers	12.54	12.44	0.00	0.00	NA	12.50
2013	DE	Full-Service Providers	12.93	12.05	10.15	0.00	NA	12.37
2013	FL	Full-Service Providers	11.27	9.39	7.61	8.69	NA	10.22
2013	GA	Full-Service Providers	11.46	9.99	6.27	8.03	NA	9.69
2013	HI	Full-Service Providers	36.98	34.05	29.87	0.00	NA	33.26
2013	IA	Full-Service Providers	11.04	8.44	5.62	0.00	NA NA	8.07
2013 2013	ID IL	Full-Service Providers Full-Service Providers	9.32	7.37 9.22	6.09 6.24	0.00 6.05	NA NA	7.57 9.67
2013	IN	Full-Service Providers	11.04 10.99	9.22	6.70	9.87	NA NA	8.73
2013	KS	Full-Service Providers Full-Service Providers	10.99	9.60	7.39	0.00	NA NA	9.72
2013	KY	Full-Service Providers	9.79	8.56	5.66	0.00	NA NA	7.69
2013	LA	Full-Service Providers	9.43	8.96	5.92	9.45	NA NA	8.04
2013	MA	Full-Service Providers	15.64	14.72	12.75	0.00	NA NA	14.97
2013	MD	Full-Service Providers	13.19	11.63	8.92	0.00	NA NA	12.70
2013	ME	Full-Service Providers	13.78	11.76	10.01	0.00	NA NA	12.42
2013	MI	Full-Service Providers	14.59	11.51	8.12	8.77	NA	11.71
2013	MN	Full-Service Providers	11.81	9.42	6.98	9.79	NA	9.41
2013	MO	Full-Service Providers	10.60	8.80	6.29	7.81	NA	9.04
2013	MS	Full-Service Providers	10.78	10.10	6.34	0.00	NA	9.11
2013	MT	Full-Service Providers	10.33	9.64	7.22	0.00	NA	9.58
2013	NC	Full-Service Providers	10.97	8.76	6.45	7.94	NA	9.24
2013	ND	Full-Service Providers	9.12	8.39	7.13	0.00	NA	8.20
2013	NE	Full-Service Providers	10.31	8.60	7.44	0.00	NA	8.74
2013	NH	Full-Service Providers	16.83	16.24	18.80	0.00	NA	16.75
2013	NJ	Full-Service Providers	15.60	13.37	9.01	0.00	NA	14.64
2013	NM	Full-Service Providers	11.68	9.74	6.36	0.00	NA	9.25
2013	NV	Full-Service Providers	11.89	9.27	6.77	8.47	NA	9.28
2013	NY OH	Full-Service Providers Full-Service Providers	18.46 12.44	17.24 11.35	7.05 6.68	14.40 8.92	NA NA	17.40 10.70
2013	OK	Full-Service Providers	9.67	7.77	5.49	0.00	NA NA	7.86
2013	OR	Full-Service Providers	9.90	8.72	5.76	8.88	NA NA	8.51
2013	PA	Full-Service Providers	12.64	10.87	7.95	0.00	NA NA	11.97
2013	RI	Full-Service Providers	15.17	13.34	12.49	0.00	NA NA	14.40
2013	SC	Full-Service Providers	11.99	9.88	6.01	0.00	NA	9.24
2013	SD	Full-Service Providers	10.26	8.51	6.97	0.00	NA	8.86
2013	TN	Full-Service Providers	9.98	10.00	6.29	11.68	NA	9.13
2013	TX	Full-Service Providers	11.35	8.02	5.81	10.19	NA	8.66
2013	UT	Full-Service Providers	10.37	8.32	5.87	10.68	NA	8.15
2013	VA	Full-Service Providers	10.84	8.00	6.63	8.17	NA	8.96
2013	VT	Full-Service Providers	17.14	14.66	10.84	0.00	NA	14.61
2013	WA	Full-Service Providers	8.70	7.79		8.04		7.15
2013	WI	Full-Service Providers	13.55	10.74				10.51
2013	WV	Full-Service Providers	9.52	8.17	6.20	8.68	NA	7.91
2013	WY	Full-Service Providers	10.16	8.57	6.42	0.00		7.55
2013 2013	US CA	Full-Service Providers Restructured Retail Service Providers	12.02 18.34	10.09 11.81	6.81 9.62	10.40 6.73	NA NA	10.05 11.04
2013	CT	Restructured Retail Service Providers Restructured Retail Service Providers	18.34	11.81		10.31	NA NA	11.04
2013	DC	Restructured Retail Service Providers Restructured Retail Service Providers	18.68	14.80	13.34	9.52		15.78
2013	DE	Restructured Retail Service Providers	13.35	9.03	7.60	0.00	NA NA	8.69
2013	IL	Restructured Retail Service Providers	10.25	7.67	5.89	5.32		7.62
2013	MA	Restructured Retail Service Providers	16.92	13.86		13.06		13.97
2013	MD	Restructured Retail Service Providers	13.46	10.37	8.26	8.47	NA NA	10.75
2013	ME	Restructured Retail Service Providers	14.36	11.74	8.32	0.00	NA	11.85
2013	MI	Restructured Retail Service Providers	14.80	7.46		0.00		6.57
2013	MT	Restructured Retail Service Providers	10.43	5.93	4.26	0.00	NA	4.34
2013	NH	Restructured Retail Service Providers	13.77	11.69	10.03	0.00	NA	11.45
2013	NJ	Restructured Retail Service Providers	16.34	12.53	11.24	10.60	NA	12.81
2013	NV	Restructured Retail Service Providers	0.00	6.48	3.84	0.00		4.94
2013	NY	Restructured Retail Service Providers	20.12	14.37	6.47	13.54		13.64
2013	ОН	Restructured Retail Service Providers	11.40	8.69		6.40	NA	8.28
2013	OR	Restructured Retail Service Providers	0.00	7.78		0.00	NA	6.69
2013	PA	Restructured Retail Service Providers	13.04	8.76		7.81	NA	8.76
2013	RI	Restructured Retail Service Providers	16.31	12.51	11.58	13.03	NA	12.39
2013	WA	Restructured Retail Service Providers	0.00	4.73	4.49	0.00	NA	4.50

		nts/kilowatthour) by State by Provide						
Year 2013	State US	Industry Sector Category Restructured Retail Service Providers	Residential 13.46	Commercial 10.96	Industrial 7.26	Transportation 10.60	Other NA	Total 10.18
2013	CA	Energy-Only Providers	7.39	6.15	5.80	5.81	NA NA	6.04
2013	CT	Energy-Only Providers	9.28	7.77	7.96	6.41	NA NA	8.26
2013	DC	Energy-Only Providers	9.16	8.01	4.19	6.52	NA	7.89
2013	DE	Energy-Only Providers	8.98	7.19	7.00	0.00	NA	7.20
2013	IL	Energy-Only Providers	5.63	5.57	4.85	4.03	NA	5.30
2013	MA	Energy-Only Providers	8.66	7.55	7.59	12.20	NA	7.77
2013	MD	Energy-Only Providers	9.25	7.50	6.49	7.07	NA	7.74
2013	ME	Energy-Only Providers	6.76	6.80	6.04	0.00	NA	6.58
2013	MI	Energy-Only Providers	7.86	5.41	5.04	0.00	NA	5.19
2013	MT	Energy-Only Providers	6.09	3.57	3.77	0.00	NA	3.76
2013	NH	Energy-Only Providers	7.53	7.34	6.89	0.00	NA	7.22
2013	NJ	Energy-Only Providers	11.24	8.04	7.31	7.42	NA NA	8.34
2013 2013	NV NY	Energy-Only Providers Energy-Only Providers	0.00 9.67	6.15 7.61	3.68 4.32	0.00 8.41	NA NA	4.71 7.30
2013	OH	Energy-Only Providers	6.08	5.22	4.71	4.71	NA NA	5.22
2013	OR	Energy-Only Providers	0.00	4.45	4.18	0.00	NA NA	4.27
2013	PA	Energy-Only Providers	8.11	6.87	6.14	6.81	NA NA	6.78
2013	RI	Energy-Only Providers	8.70	7.11	7.38	6.16	NA	7.22
2013	WA	Energy-Only Providers	0.00	4.07	4.08	0.00	NA	4.08
2013	US	Energy-Only Providers	7.50	6.82	5.51	7.49	NA	6.51
2013	CA	Delivery-Only Service	10.95	5.66	3.82	0.93	NA	5.00
2013	CT	Delivery-Only Service	9.40	7.03	5.37	3.89	NA	7.52
2013	DC	Delivery-Only Service	3.57	3.86	1.35	3.00	NA	3.74
2013	DE	Delivery-Only Service	4.37	1.84	0.60	0.00	NA	1.48
2013	IL	Delivery-Only Service	4.63	2.10	1.04	1.29	NA	2.32
2013	MA	Delivery-Only Service	8.26	6.31	5.75	0.86	NA	6.20
2013	MD	Delivery-Only Service	4.22	2.88	1.78	1.39	NA	3.01
2013	ME	Delivery-Only Service	7.60	4.94	2.29	0.00	NA	5.27
2013	MI	Delivery-Only Service	6.94	2.06	0.88	0.00	NA	1.38
2013	MT	Delivery-Only Service	4.35 6.24	2.36 4.36	0.49	0.00	NA NA	0.58 4.23
2013	NH NJ	Delivery Only Service	5.10	4.30	3.14 3.93	0.00 3.18	NA NA	4.23
2013	NV	Delivery-Only Service Delivery-Only Service	0.00	0.33	0.16	0.00	NA NA	0.23
2013	NY	Delivery-Only Service	10.45	6.76	2.15	5.14	NA NA	6.34
2013	OH	Delivery-Only Service	5.33	3.47	1.32	1.69	NA NA	3.06
2013	OR	Delivery-Only Service	0.00	3.33	1.92	0.00	NA	2.42
2013	PA	Delivery-Only Service	4.93	1.89	0.76	1.00	NA	1.98
2013	RI	Delivery-Only Service	7.60	5.40	4.19	6.87	NA	5.18
2013	WA	Delivery-Only Service	0.00	0.66	0.41	0.00	NA	0.42
2013	US	Delivery-Only Service	5.97	4.14	1.76	3.11	NA	3.67
2012	AK	Total Electric Industry	17.88	14.93	16.82	0.00	NA	16.33
2012	AL	Total Electric Industry	11.40	10.63	6.22	0.00	NA	9.18
2012	AR	Total Electric Industry	9.30	7.71	5.77	11.23	NA	7.62
2012	AZ	Total Electric Industry	11.29	9.53	6.53	0.00	NA	9.81
2012	CA	Total Electric Industry	15.34	13.41	10.49	7.17	NA	13.53
2012	CO	Total Electric Industry	11.46	9.39	6.95	9.69	NA NA	9.39
2012	CT DC	Total Electric Industry Total Electric Industry	17.34 12.28	14.65 12.02	12.67 5.46	9.69 9.01	NA NA	15.54 11.85
2012	DE	Total Electric Industry	13.58	10.13	8.36	0.00	NA NA	11.06
2012	FL	Total Electric Industry	11.42	9.66	8.04	8.45	NA NA	10.44
2012	GA	Total Electric Industry	11.17	9.58	5.98	7.65	NA NA	9.37
2012	HI	Total Electric Industry	37.34	34.88	30.82	0.00		34.04
2012	IA	Total Electric Industry	10.82	8.01				7.71
2012	ID	Total Electric Industry	8.67	6.86	5.48	0.00	NA	6.92
2012	IL	Total Electric Industry	11.38	7.99	5.80	6.15	NA	8.40
2012	IN	Total Electric Industry	10.53	9.14	6.34	9.56		8.29
2012	KS	Total Electric Industry	11.24	9.24	7.09	0.00	NA	9.33
2012	KY	Total Electric Industry	9.43	8.73	5.35	0.00		7.26
2012	LA	Total Electric Industry	8.37	7.75		8.72		6.90
2012	MA	Total Electric Industry	14.91	13.84	12.57	4.91	NA	13.79
2012	MD	Total Electric Industry	12.84	10.43	8.09	8.29	NA	11.28
2012	ME	Total Electric Industry	14.66	11.53	7.98	0.00		11.81
2012	MI	Total Electric Industry	14.13	10.93	7.62	8.08		10.98
2012	MN	Total Electric Industry	11.35	8.84	6.54	8.67	NA NA	8.86
2012	MO	Total Electric Industry	10.17 10.26	8.20 9.33	5.89 6.24	6.97 0.00	NA NA	8.53
2012	MS MT	Total Electric Industry Total Electric Industry	10.26	9.33	5.10	0.00	NA NA	8.60 8.25
2012	NC	Total Electric Industry Total Electric Industry	10.08	9.13	6.42	7.88	NA NA	8.25 9.15
2012	ND ND	Total Electric Industry	9.06	8.02	6.42	0.00		7.83
2012	NE	Total Electric Industry	10.04	8.38	7.01	0.00		8.37
2012	NH	Total Electric Industry	16.07	13.36	11.83	0.00	NA NA	14.19
2012	NJ	Total Electric Industry	15.78	12.78	10.52	9.77	NA NA	13.68
2012	NM	Total Electric Industry	11.38	9.32	5.83	0.00		8.83
2012	NV	Total Electric Industry	11.83	8.83	6.48	8.40	NA	8.95
2012	NY	Total Electric Industry	17.62	15.06				15.15
		•						

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2012	OH	Total Electric Industry	11.76	9.47	6.24	6.98	NA	9.12
2012	OK	Total Electric Industry	9.51	7.32	5.09	0.00	NA NA	7.54
2012	OR	Total Electric Industry	9.80	8.31	5.59	8.24	NA	8.21
2012	PA	Total Electric Industry	12.75	9.44	7.23	8.07	NA NA	9.91
2012	RI	Total Electric Industry	14.40	11.87	10.68	8.28 0.00	NA NA	12.74
2012 2012	SC SD	Total Electric Industry	11.77 10.07	9.63 8.10	6.02 6.57	0.00	NA NA	9.10 8.49
2012	TN	Total Electric Industry	10.07	10.31	7.08	11.28	NA NA	9.27
2012	TX	Total Electric Industry	10.10	8.16	5.57	10.54	NA NA	8.55
2012	UT	Total Electric Industry Total Electric Industry	9.93	8.06	5.62	9.79	NA NA	7.84
2012	VA	Total Electric Industry	11.08	8.08	6.72	9.79 8.51	NA NA	9.07
2012	VT	Total Electric Industry	17.01	14.32	9.98	0.00	NA NA	14.22
2012	WA	Total Electric Industry	8.53	7.68	4.13	8.06	NA NA	6.94
2012	WI	Total Electric Industry	13.19	10.51	7.34	0.00	NA NA	10.28
2012	WV	Total Electric Industry	9.85	8.42	6.33	8.66	NA NA	8.14
2012	WY	Total Electric Industry	9.85	8.24	6.03	0.00	NA NA	7.19
2012	US	Total Electric Industry	11.88	10.09		10.21	NA NA	9.84
2012	AK	Full-Service Providers	17.88	14.93	16.82	0.00	NA NA	16.33
2012	AL	Full-Service Providers	11.40	10.63	6.22	0.00	NA NA	9.18
2012	AR	Full-Service Providers	9.30	7.71	5.76	11.23	NA NA	7.62
2012	AZ	Full-Service Providers	11.29	9.53	6.53	0.00	NA NA	9.81
2012	CA	Full-Service Providers Full-Service Providers	15.32	13.62	10.72	7.96	NA NA	13.80
2012	CO	Full-Service Providers Full-Service Providers	11.46	9.39	6.95	9.69	NA NA	9.39
2012	CT	Full-Service Providers Full-Service Providers	17.05	14.32	10.20	9.69	NA NA	15.79
2012	DC	Full-Service Providers Full-Service Providers	17.05	12.51	0.00	0.00	NA NA	12.35
2012	DE	Full-Service Providers Full-Service Providers	13.60	12.51	9.89	0.00	NA NA	12.35
2012	FL	Full-Service Providers Full-Service Providers	13.60	9.66	9.89 8.04	8.45	NA NA	12.77
2012	GA	Full-Service Providers	11.17	9.58	5.98	7.65	NA NA	9.37
2012	HI	Full-Service Providers	37.34	34.88	30.82	0.00	NA NA	34.04
2012	IA	Full-Service Providers	10.82	8.01	5.30	0.00	NA NA	7.71
2012	ID	Full-Service Providers	8.67	6.86	5.48	0.00	NA NA	6.92
2012	IL	Full-Service Providers	11.70	9.44	5.46	6.19	NA NA	10.44
2012	IN	Full-Service Providers	10.53	9.14	6.34	9.56	NA NA	8.29
2012	KS	Full-Service Providers	11.24	9.14	7.09	0.00	NA NA	9.33
2012	KY	Full-Service Providers	9.43	8.73	5.35	0.00	NA NA	7.26
2012	LA	Full-Service Providers	9.43 8.37	7.75	4.76	8.72	NA NA	6.90
2012	MA	Full-Service Providers	14.77	14.15	11.08	0.00	NA NA	14.02
2012	MD		12.78	10.72	8.44	0.00	NA NA	12.16
2012	ME	Full-Service Providers Full-Service Providers	13.84	12.37	10.89	0.00	NA NA	12.78
2012	MI	Full-Service Providers	14.13	11.34	7.84	8.08	NA NA	11.36
2012	MN	Full-Service Providers	11.35	8.84	6.54	8.67	NA NA	8.86
2012	MO	Full-Service Providers	10.17	8.20	5.89	6.97	NA NA	8.53
2012	MS	Full-Service Providers	10.17	9.33	6.24	0.00	NA NA	8.60
2012	MT	Full-Service Providers	10.20	9.24	6.96	0.00	NA NA	9.27
2012	NC	Full-Service Providers	10.08	8.66	6.42	7.88	NA NA	9.15
2012	ND	Full-Service Providers	9.06	8.02	6.55	0.00	NA NA	7.83
2012	NE	Full-Service Providers	10.04	8.38	7.01	0.00	NA NA	8.37
2012	NH	Full-Service Providers	16.12	15.05	16.18	0.00	NA NA	15.79
2012	NJ	Full-Service Providers	15.87	13.64	8.53	9.86	NA NA	14.88
2012	NM		11.37	9.32	5.83	0.00	NA NA	8.83
2012	NV	Full-Service Providers Full-Service Providers	11.83	8.92	6.67	8.40	NA NA	9.13
2012	NY	Full-Service Providers Full-Service Providers	17.33	16.19	7.66	13.32	NA NA	16.33
2012	OH	Full-Service Providers Full-Service Providers	17.33	10.19		9.23	NA NA	9.99
2012	OK		9.51	7.32				7.54
2012	OR	Full-Service Providers Full-Service Providers	9.51	8.33	5.09	8.24	NA NA	8.29
2012	PA	Full-Service Providers Full-Service Providers	9.80	10.95		0.00		12.04
2012	RI	Full-Service Providers Full-Service Providers	12.75	10.95		0.00		12.04
2012	SC	Full-Service Providers Full-Service Providers	14.41	9.63		0.00	NA NA	9.10
2012	SD	Full-Service Providers Full-Service Providers	11.77	9.63 8.10		0.00		9.10 8.49
2012	TN	Full-Service Providers Full-Service Providers	10.07	10.31		11.28		9.27
2012	TX	Full-Service Providers Full-Service Providers	10.10	8.16	7.08 5.57	11.28	NA NA	9.27 8.55
2012	UT	Full-Service Providers Full-Service Providers	9.93	8.16		9.79		
2012	VA	Full-Service Providers Full-Service Providers	9.93	8.06	5.62 6.72	9.79 8.51	NA NA	7.84 9.07
2012	VA	Full-Service Providers Full-Service Providers	17.08	14.32		0.00		9.07
2012	WA	Full-Service Providers Full-Service Providers	8.53	7.68		8.06		7.01
2012	WI	Full-Service Providers Full-Service Providers	13.19	10.51	7.34	0.00	NA NA	10.28
2012	WV	Full-Service Providers Full-Service Providers	9.85	8.42		8.66		8.14
2012	WY	Full-Service Providers Full-Service Providers	9.85	8.24	6.03	0.00	NA NA	7.19
2012 2012	US	Full-Service Providers Full-Service Providers	9.85	9.88		9.50	NA NA	7.19 9.80
2012	CA	Restructured Retail Service Providers	20.06	11.74		6.48		10.96
2012	CT	Restructured Retail Service Providers Restructured Retail Service Providers	17.70	11.74		9.69		15.41
2012	DC	Restructured Retail Service Providers Restructured Retail Service Providers	17.70	11.74		9.69	NA NA	15.41
2012	DE	Restructured Retail Service Providers Restructured Retail Service Providers	12.49	8.67	7.44	0.00	NA NA	8.35
2012	IL	Restructured Retail Service Providers Restructured Retail Service Providers	13.06	7.24		6.15		6.85
2012	MA	Restructured Retail Service Providers Restructured Retail Service Providers	10.00	13.62		4.91	NA NA	13.51
2012	MD			13.62		4.91 8.29		13.51
2012	IVID	Restructured Retail Service Providers	13.06	10.34	5.03	8.29	NA	10.49

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2012	ME	Restructured Retail Service Providers	14.67	11.52	7.95	0.00	NA	11.80
2012	MI	Restructured Retail Service Providers	14.11	7.73	6.46	0.00	NA	7.06
2012	MT	Restructured Retail Service Providers	10.17	5.77	3.92	0.00	NA	4.02
2012	NH	Restructured Retail Service Providers	14.26	11.89	10.83	0.00	NA	11.54
2012	NJ	Restructured Retail Service Providers	15.28	12.39	10.96	9.77	NA	12.47
2012	NV	Restructured Retail Service Providers	0.00	6.80	4.64	0.00	NA	5.15
2012	NY	Restructured Retail Service Providers	18.83	14.45	6.26	14.31	NA	13.95
2012	OH	Restructured Retail Service Providers	11.28	8.84	6.14	6.86	NA	8.34
2012	OR	Restructured Retail Service Providers	0.00	7.85	5.14	0.00	NA	6.12
2012	PA	Restructured Retail Service Providers	12.76	8.93	7.20	8.07	NA	8.76
2012	RI	Restructured Retail Service Providers	14.02	11.41	10.36	8.28	NA	11.16
2012	WA	Restructured Retail Service Providers	0.00	4.54	4.24	0.00	NA	4.25
2012	US	Restructured Retail Service Providers	13.64	10.99	7.36	10.38	NA	10.12
2012	CA	Energy-Only Providers	7.99	5.90	5.43	5.70	NA	5.75
2012	CT	Energy-Only Providers	8.85	8.11	8.52	6.23	NA	8.37
2012	DC	Energy-Only Providers	9.13	8.27	4.12	5.97	NA	8.10
2012	DE	Energy-Only Providers	9.22	7.22	6.89	0.00	NA	7.16
2012	IL	Energy-Only Providers	5.61	5.28	4.77	4.94	NA	5.07
2012	MA	Energy-Only Providers	7.99	7.64	7.64	4.13	NA	7.63
2012	MD	Energy-Only Providers	9.00	7.70	6.57	6.93	NA	7.77
2012	ME	Energy-Only Providers	7.42	6.80	5.73	0.00	NA	6.76
2012	MI	Energy-Only Providers	7.48	5.75	5.42	0.00	NA	5.57
2012	MT	Energy-Only Providers	6.22	3.46	3.42	0.00	NA	3.43
2012	NH	Energy-Only Providers	7.38	6.91	7.05	0.00	NA	6.98
2012	NJ	Energy-Only Providers	10.45	8.02	7.10	6.76	NA	8.14
2012	NV	Energy-Only Providers	0.00	6.08	4.49	0.00	NA NA	4.86
2012	NY	Energy-Only Providers	8.41	7.42	3.47	9.16	NA NA	7.09
2012	OH	Energy-Only Providers	6.11	5.56	4.96	4.84	NA NA	5.45
2012	OR	Energy-Only Providers	0.00	4.08	3.28	0.00	NA NA	3.57
2012	PA	Energy-Only Providers	7.83	6.95	6.26	6.75	NA NA	6.77
2012	RI	Energy-Only Providers	7.66	6.94	7.00	1.76	NA NA	6.92
2012	WA	Energy-Only Providers	0.00	3.76	3.76	0.00	NA NA	3.76
2012	US	Energy-Only Providers	7.53	6.86	5.56	7.29	NA NA	6.51
2012	CA	Delivery-Only Service	12.07	5.84	4.14	0.78	NA NA	5.21
2012	CT	Delivery-Only Service	8.85	6.63	4.96	3.47	NA NA	7.03
2012	DC	Delivery-Only Service	3.37	3.68	1.34	3.47	NA NA	3.59
2012	DE		3.83		0.56	0.00	NA NA	
		Delivery-Only Service		1.45				1.19
2012	IL NAA	Delivery-Only Service	4.39	1.96	1.02	1.21 0.77	NA NA	1.78
2012	MA MD	Delivery-Only Service	7.89 4.06	5.98	5.50		NA NA	5.88
2012	ME	Delivery-Only Service	7.26	2.64 4.72	1.46 2.22	1.36 0.00	NA NA	2.72 5.04
		Delivery-Only Service						
2012	MI	Delivery-Only Service	6.64	1.98	1.04	0.00	NA	1.48
2012	MT	Delivery-Only Service	3.95	2.31	0.49	0.00	NA	0.59
2012	NH	Delivery-Only Service	6.88	4.98	3.78	0.00	NA	4.57
2012	NJ	Delivery-Only Service	4.83	4.36	3.86	3.00	NA	4.32
2012	NV	Delivery-Only Service	0.00	0.71	0.15	0.00	NA	0.29
2012	NY	Delivery-Only Service	10.42	7.03	2.80	5.15	NA	6.86
2012	OH	Delivery-Only Service	5.18	3.28	1.18	2.03	NA	2.89
2012	OR	Delivery-Only Service	0.00	3.77	1.85	0.00	NA	2.55
2012	PA	Delivery-Only Service	4.93	1.98	0.94	1.32	NA	1.99
2012	RI	Delivery-Only Service	6.36	4.47	3.36	6.52	NA	4.23
2012	WA	Delivery-Only Service	0.00	0.78	0.47	0.00	NA	0.48
2012	US	Delivery-Only Service	6.11	4.13		3.09		3.61
2011	AK	Total Electric Industry	17.62	15.10		0.00		16.08
2011	AL	Total Electric Industry	11.09	10.47	6.25	0.00		9.10
2011	AR	Total Electric Industry	9.02	7.50	5.63	11.10		7.43
2011	AZ	Total Electric Industry	11.08	9.50	6.55	0.00		9.71
2011	CA	Total Electric Industry	14.78	13.05	10.11	8.14	NA	13.05
2011	CO	Total Electric Industry	11.27	9.44	7.06	9.79		9.39
2011	CT	Total Electric Industry	18.11	15.57	13.24	10.25		16.35
2011	DC	Total Electric Industry	13.40	12.90	6.89	10.19		12.81
2011	DE	Total Electric Industry	13.70	10.64	8.91	0.00	NA	11.48
2011	FL	Total Electric Industry	11.51	9.85	8.55	8.81	NA	10.61
2011	GA	Total Electric Industry	11.05	9.87	6.60	7.94	NA	9.61
2011	HI	Total Electric Industry	34.68	32.37	28.40	0.00	NA	31.59
2011	IA	Total Electric Industry	10.46	7.85	5.21	0.00	NA	7.56
2011	ID	Total Electric Industry	7.87	6.41	5.10	0.00	NA	6.44
2011	IL	Total Electric Industry	11.78	8.64	6.42	6.81	NA	8.97
2011	IN	Total Electric Industry	10.06	8.77	6.17	9.74	NA	8.01
2011	KS	Total Electric Industry	10.65	8.78	6.71	0.00		8.89
2011	KY	Total Electric Industry	9.20	8.49		0.00		7.17
2011	LA	Total Electric Industry	8.96	8.44	5.69	8.33	NA	7.68
2011	MA	Total Electric Industry	14.67	14.33	13.38	6.14	NA NA	14.11
2011	MD	Total Electric Industry	13.31	11.28	8.76	9.03		11.93
2011	ME	Total Electric Industry	15.38	12.29	8.88	0.00	NA NA	12.58
2011	MI	Total Electric Industry	13.27	10.33		8.53		10.40
_~			10.21	10.00	7.52	3.33	14/4	10.40

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2011	MN	Total Electric Industry	10.96	8.63	6.47	8.23	NA	8.65
2011	MO	Total Electric Industry	9.75	8.04	5.85	6.90	NA NA	8.32
2011	MS	Total Electric Industry	10.17	9.48	6.53	0.00	NA	8.78
2011	MT	Total Electric Industry	9.75	9.12	5.27	0.00	NA NA	8.23
2011	NC	Total Electric Industry	10.26	8.13	6.01	7.04	NA	8.65
2011	ND	Total Electric Industry	8.58	7.61	6.24	0.00	NA NA	7.50
2011	NE	Total Electric Industry	9.32	7.99	6.43	0.00	NA	7.88
2011	NH	Total Electric Industry	16.52	14.04	12.27	0.00	NA	14.74
2011	NJ	Total Electric Industry	16.23	13.47	11.43	10.69	NA	14.30
2011	NM	Total Electric Industry	11.00	9.07	6.06	0.00	NA	8.74
2011	NV	Total Electric Industry	11.61	9.05	6.65	8.58	NA	8.97
2011	NY	Total Electric Industry	18.26	15.81	7.83	13.45	NA	15.89
2011	OH	Total Electric Industry	11.42	9.63	6.12	6.64	NA	9.03
2011	OK	Total Electric Industry	9.47	7.60	5.46	0.00	NA	7.80
2011	OR	Total Electric Industry	9.54	8.15	5.47	7.89	NA	8.04
2011	PA	Total Electric Industry	13.26	10.03	7.73	8.93	NA	10.45
2011	RI	Total Electric Industry	14.33	12.37	11.27	14.11	NA	13.04
2011	SC	Total Electric Industry	11.05	9.30	5.94	0.00	NA	8.80
2011	SD	Total Electric Industry	9.35	7.76	6.20	0.00	NA	8.05
2011	TN	Total Electric Industry	9.98	10.27	7.23	12.07	NA	9.28
2011	TX	Total Electric Industry	11.08	8.83	6.24	10.08	NA	9.00
2011	UT	Total Electric Industry	8.96	7.35	5.10	9.24	NA	7.13
2011	VA	Total Electric Industry	10.64	7.95	6.49	8.24	NA NA	8.84
2011	VT	Total Electric Industry	16.26	14.00	9.83	0.00	NA NA	13.80
2011	WA	Total Electric Industry	8.28	7.49	4.09	8.54	NA	6.78
2011	WI	Total Electric Industry	13.02	10.42	7.33	0.00	NA	10.21
2011	WV	Total Electric Industry	9.39	8.14	6.18	8.60	NA	7.88
2011	WY	Total Electric Industry	9.11	7.72	5.41	0.00	NA	6.58
2011	US	Total Electric Industry	11.72	10.24	6.82	10.46	NA	9.90
2011	AK	Full-Service Providers	17.62	15.10	15.71	0.00	NA	16.08
2011	AL	Full-Service Providers	11.09	10.47	6.25	0.00	NA	9.10
2011	AR	Full-Service Providers	9.02	7.50	5.63	11.10	NA	7.43
2011	AZ	Full-Service Providers	11.08	9.50	6.55	0.00	NA	9.71
2011	CA	Full-Service Providers	14.75	13.16	10.14	8.82	NA	13.22
2011	CO	Full-Service Providers	11.27	9.44	7.06	9.79	NA	9.39
2011	CT	Full-Service Providers	17.92	15.37	10.78	10.15	NA	16.67
2011	DC	Full-Service Providers	13.44	14.36	0.00	0.00	NA	13.79
2011	DE	Full-Service Providers	13.72	12.56	10.44	0.00	NA	12.96
2011	FL	Full-Service Providers	11.51	9.85	8.55	8.81	NA	10.61
2011	GA	Full-Service Providers	11.05	9.87	6.60	7.94	NA	9.61
2011	HI	Full-Service Providers	34.68	32.37	28.40	0.00	NA	31.59
2011	IA	Full-Service Providers	10.46	7.85	5.21	0.00	NA	7.56
2011	ID	Full-Service Providers	7.87	6.41	5.10	0.00	NA	6.44
2011	IL	Full-Service Providers	11.79	9.90	6.02	6.65	NA	10.75
2011	IN	Full-Service Providers	10.06	8.77	6.17	9.74	NA	8.01
2011	KS	Full-Service Providers	10.65	8.78	6.71	0.00	NA	8.89
2011	KY	Full-Service Providers	9.20	8.49	5.33	0.00	NA	7.17
2011	LA	Full-Service Providers	8.96	8.44	5.69	8.33	NA	7.68
2011	MA	Full-Service Providers	14.49	14.56	12.55	0.00	NA	14.22
2011	MD	Full-Service Providers	13.29	11.54	9.12	0.00	NA	12.75
2011	ME	Full-Service Providers	14.47	13.08	11.83	0.00	NA	13.53
2011	MI	Full-Service Providers	13.27	10.60	7.43	8.53	NA	10.69
2011	MN	Full-Service Providers	10.96	8.63	6.47	8.23	NA	8.65
2011	MO	Full-Service Providers	9.75	8.04				8.32
2011	MS	Full-Service Providers	10.17	9.48	6.53	0.00		8.78
2011	MT	Full-Service Providers	9.75	9.21	6.68	0.00		9.11
2011	NC	Full-Service Providers	10.26	8.13		7.04		8.64
2011	ND	Full-Service Providers	8.58	7.61	6.24	0.00	NA	7.50
2011	NE	Full-Service Providers	9.32	7.99		0.00		7.88
2011	NH	Full-Service Providers	16.52	15.34	16.24	0.00		16.11
2011	NJ	Full-Service Providers	16.23	14.22	9.49	12.15		15.29
2011	NM	Full-Service Providers	11.00	9.07	6.06	0.00	NA	8.74
2011	NV	Full-Service Providers	11.61	9.11	6.84	8.58		9.14
2011	NY	Full-Service Providers	18.06	17.11	9.18	11.04		17.17
2011	OH	Full-Service Providers	11.57	10.31	6.05	12.11	NA	9.48
2011	OK	Full-Service Providers	9.47	7.60	5.46	0.00	NA	7.80
2011	OR	Full-Service Providers	9.54	8.16		7.89		8.11
2011	PA	Full-Service Providers	13.24	11.67	9.06	7.65		12.47
2011	RI	Full-Service Providers	14.34	12.64	11.82	0.00	NA	13.59
2011	SC	Full-Service Providers	11.05	9.30	5.94	0.00		8.80
2011	SD	Full-Service Providers	9.35	7.76		0.00		8.05
2011	TN	Full-Service Providers	9.98	10.27	7.23	12.07	NA	9.28
2011	TX	Full-Service Providers	11.08	8.83	6.24	10.08		9.00
2011	UT	Full-Service Providers	8.96	7.35		9.24		7.13
2011	VA	Full-Service Providers	10.64	7.95	6.49	8.24	NA	8.84
2011	VT	Full-Service Providers	16.26	14.00	9.83	0.00	NA	13.80

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2011	WA	Full-Service Providers	8.28	7.50	4.02	8.54	NA	6.83
2011	WI	Full-Service Providers	13.02	10.42	7.33	0.00	NA	10.21
2011	WV	Full-Service Providers	9.39	8.14	6.18	8.60	NA	7.88
2011	WY	Full-Service Providers	9.11	7.72	5.41	0.00	NA	6.58
2011	US	Full-Service Providers	11.60	9.93	6.60	9.35	NA	9.79
2011	CA	Restructured Retail Service Providers	22.90	12.10	9.96	7.26	NA	11.29
2011	CT	Restructured Retail Service Providers	18.37	15.63	14.07	10.28	NA	16.15
2011	DC	Restructured Retail Service Providers	12.91	12.69	6.89	10.19	NA	12.45
2011	DE	Restructured Retail Service Providers	12.78	9.34	7.76	0.00	NA	8.87
2011	IL	Restructured Retail Service Providers	11.57	7.81	6.49	6.82	NA	7.13
2011	MA	Restructured Retail Service Providers	16.14	14.16	13.68	6.14	NA	13.98
2011	MD	Restructured Retail Service Providers	13.44	11.19	8.70	9.03	NA	11.13
2011	ME	Restructured Retail Service Providers	15.40	12.28	8.85	0.00	NA	12.56
2011	MI	Restructured Retail Service Providers	13.25	8.30	6.72	0.00	NA	7.48
2011	MT	Restructured Retail Service Providers	9.84	6.24	4.43	0.00	NA	4.54
2011	NH	Restructured Retail Service Providers	14.94	12.45	11.04	0.00	NA	11.86
2011	NJ	Restructured Retail Service Providers	16.30	13.03	11.94	10.58	NA	13.07
2011	NV	Restructured Retail Service Providers	0.00	7.48	4.63	0.00	NA	5.18
2011	NY	Restructured Retail Service Providers	19.27	15.04	7.22	13.87	NA	14.47
2011	OH	Restructured Retail Service Providers	11.04	9.09	6.20	6.45	NA	8.42
2011	OR	Restructured Retail Service Providers	0.00	7.78	4.99	0.00	NA	5.85
2011	PA	Restructured Retail Service Providers	13.33	9.20	7.53	8.93	NA	8.87
2011	RI	Restructured Retail Service Providers	13.96	12.08	11.03	14.11	NA	11.86
2011	WA	Restructured Retail Service Providers	0.00	5.18	4.82	0.00	NA	4.83
2011	US	Restructured Retail Service Providers	14.58	11.61	7.89	10.79	NA	10.60
2011	CA	Energy-Only Providers	10.10	6.54	5.96	6.44	NA	6.34
2011	CT	Energy-Only Providers	9.72	9.29	9.29	6.77	NA	9.39
2011	DC	Energy-Only Providers	9.69	9.07	5.55	7.17	NA	8.92
2011	DE	Energy-Only Providers	9.74	8.14	7.28	0.00	NA	7.87
2011	IL	Energy-Only Providers	6.97	5.93	5.50	5.59	NA	5.71
2011	MA	Energy-Only Providers	8.38	8.52	8.38	5.42	NA	8.40
2011	MD	Energy-Only Providers	9.45	8.70	7.38	7.76	NA	8.61
2011	ME	Energy-Only Providers	8.41	7.76	6.82	0.00	NA	7.76
2011	MI	Energy-Only Providers	7.35	6.25	5.71	0.00	NA	5.97
2011	MT	Energy-Only Providers	6.10	3.93	3.92	0.00	NA	3.92
2011	NH	Energy-Only Providers	8.11	7.83	7.54	0.00	NA	7.71
2011	NJ	Energy-Only Providers	11.26	8.76	8.12	7.60	NA	8.83
2011	NV	Energy-Only Providers	0.00	6.45	4.47	0.00	NA	4.85
2011	NY	Energy-Only Providers	9.34	8.19	4.33	9.02	NA	7.84
2011	OH	Energy-Only Providers	6.55	6.00	5.23	4.89	NA	5.83
2011	OR	Energy-Only Providers	0.00	4.31	3.85	0.00	NA	3.99
2011	PA	Energy-Only Providers	8.55	7.37	6.66	7.58	NA	7.16
2011	RI	Energy-Only Providers	7.80	7.87	7.63	8.48	NA	7.81
2011	WA	Energy-Only Providers	0.00	4.32	4.33	0.00	NA	4.33
2011	US	Energy-Only Providers	8.42	7.61	6.15	7.80	NA	7.18
2011	CA	Delivery-Only Service	12.80	5.57	4.01	0.82	NA	4.94
2011	CT	Delivery-Only Service	8.65	6.34	4.78	3.51	NA	6.76
2011	DC	Delivery-Only Service	3.22	3.62	1.34	3.02	NA	3.53
2011	DE	Delivery-Only Service	3.03	1.21	0.48	0.00	NA	0.99
2011	IL	Delivery-Only Service	4.60	1.88	0.99	1.23	NA	1.42
2011	MA	Delivery-Only Service	7.76	5.64	5.30	0.72	NA	5.59
2011	MD	Delivery-Only Service	3.99	2.49	1.32	1.26	NA	2.52
2011	ME	Delivery-Only Service	6.99	4.53	2.03	0.00		4.81
	MI	Delivery-Only Service	5.90	2.05		0.00		1.51
2011	MT	Delivery-Only Service	3.74	2.31	0.51	0.00	NA	0.62
2011	NH	Delivery-Only Service	6.83	4.62	3.50	0.00		4.16
2011	NJ	Delivery-Only Service	5.04	4.27	3.82	2.98		4.24
2011	NV	Delivery-Only Service	0.00	1.03	0.16	0.00	NA	0.33
2011	NY	Delivery-Only Service	9.93	6.85		4.85		6.62
2011	OH	Delivery-Only Service	4.49	3.08		1.57	NA	2.59
2011	OR	Delivery-Only Service	0.00	3.47	1.14	0.00	NA	1.86
2011	PA	Delivery-Only Service	4.79	1.83	0.87	1.35		1.71
2011	RI	Delivery-Only Service	6.16	4.21	3.40	5.63		4.04
2011	WA	Delivery-Only Service	0.00	0.85	0.49	0.00		0.50
2011	US	Delivery-Only Service	6.16	4.01	1.73	2.99		3.42
2010	AK	Total Electric Industry	16.26	13.95	14.14	0.00		14.76
2010	AL	Total Electric Industry	10.67	10.18	6.01	0.00	NA	8.89
2010	AR	Total Electric Industry	8.86	7.31	5.44	11.33	NA	7.28
2010	AZ	Total Electric Industry	10.97	9.47	6.63	0.00	NA	9.69
2010	CA	Total Electric Industry	14.75	13.09	9.80	8.27	NA	13.01
2010	CO	Total Electric Industry	11.04	9.13	6.90	9.34	NA	9.15
2010	CT	Total Electric Industry	19.25	16.45	14.51	11.53	NA	17.38
2010	DC	Total Electric Industry	14.01	13.42	7.74	10.95	NA	13.35
2010	DE	Total Electric Industry	13.80	11.36	9.57	0.00	NA	11.97
2010	FL	Total Electric Industry	11.44	9.76	8.85	8.58	NA	10.58
2010	GA	Total Electric Industry	10.07	9.06	6.22	7.46	NA	8.87
		· · · · · · · · · · · · · · · · · · ·						

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2010	HI	Total Electric Industry	28.10	25.93	21.94	0.00	NA	25.12
2010	IA	Total Electric Industry	10.42	7.91	5.36	0.00	NA	7.66
2010	ID	Total Electric Industry	7.99	6.64	5.15	0.00	NA	6.54
2010	IL	Total Electric Industry	11.52	8.88	6.82	6.72	NA	9.13
2010	IN	Total Electric Industry	9.56	8.38	5.87	9.21	NA	7.67
2010	KS	Total Electric Industry	10.03	8.25	6.23	0.00	NA	8.35
2010	KY	Total Electric Industry	8.57	7.88	5.05	0.00	NA	6.73
2010	LA	Total Electric Industry	8.98	8.50	5.84	9.46	NA	7.80
2010	MA	Total Electric Industry	14.59	14.53	13.71	6.40	NA	14.26
2010	MD	Total Electric Industry	14.32	11.75		9.89	NA	12.71
2010	ME	Total Electric Industry	15.72	12.52	9.17	0.00	NA	12.84
2010	MI	Total Electric Industry	12.46	9.81	7.08	10.65	NA	9.88
2010	MN	Total Electric Industry	10.59	8.38	6.29	7.77	NA	8.41
2010	MO	Total Electric Industry	9.08	7.50	5.50	6.14	NA	7.78
2010	MS	Total Electric Industry	9.87	9.32	6.32	0.00	NA	8.59
2010	MT	Total Electric Industry	9.16	8.55	5.55	0.00	NA	7.84
2010	NC	Total Electric Industry	10.12	8.16	6.17	7.09	NA	8.67
2010	ND	Total Electric Industry	8.13	7.21	5.81	0.00	NA	7.11
2010	NE	Total Electric Industry	8.94	7.64	6.00	0.00	NA	7.52
2010	NH	Total Electric Industry	16.32	14.25	12.76	0.00	NA	14.84
2010	NJ	Total Electric Industry	16.57	13.89	11.81	11.73	NA	14.68
2010	NM	Total Electric Industry	10.52	8.57	6.01	0.00	NA	8.40
2010	NV	Total Electric Industry	12.36	9.79	7.37	9.40	NA	9.73
2010	NY	Total Electric Industry	18.74	16.31	8.79	13.74	NA	16.41
2010	ОН	Total Electric Industry	11.31	9.73	6.40	8.62	NA	9.14
2010	OK	Total Electric Industry	9.14	7.45	5.35	0.00	NA	7.59
2010	OR	Total Electric Industry	8.87	7.59	5.40	6.99	NA	7.56
2010	PA	Total Electric Industry	12.70	10.10	7.66	7.91	NA	10.31
2010	RI	Total Electric Industry	15.92	13.10	11.83	13.73	NA	14.07
2010	SC	Total Electric Industry	10.50	8.90	5.74	0.00	NA	8.49
2010	SD	Total Electric Industry	8.97	7.55	6.07	0.00	NA	7.82
2010	TN	Total Electric Industry	9.23	9.66	6.58	11.09	NA	8.61
2010	TX	Total Electric Industry	11.60	9.19	6.44	9.82	NA	9.34
2010	UT	Total Electric Industry	8.71	7.15	4.93	8.69	NA	6.94
2010	VA	Total Electric Industry	10.45	7.65	6.66	7.70	NA NA	8.69
2010	VT	Total Electric Industry	15.57	13.44	9.53	0.00	NA NA	13.24
2010	WA	Total Electric Industry	8.04	7.37	4.08	7.42	NA NA	6.66
2010	WI	Total Electric Industry	12.65	9.98	6.85	0.00	NA NA	9.78
2010	WV	Total Electric Industry	8.79	7.66	5.86	8.33	NA NA	7.45
2010	WY	Total Electric Industry	8.77	7.42	4.98	0.00	NA NA	6.20
2010	US	Total Electric Industry	11.54	10.19	6.77	10.56	NA NA	9.83
2010	AK	Full-Service Providers	16.26	13.95	14.14	0.00	NA NA	14.76
2010	AL	Full-Service Providers	10.67	10.18	6.01	0.00	NA NA	8.89
2010	AR	Full-Service Providers	8.86	7.31	5.44	11.33	NA NA	7.28
2010	AZ	Full-Service Providers	10.97	9.47	6.63	0.00	NA NA	9.69
2010	CA	Full-Service Providers	14.74	13.22	9.79	8.87	NA NA	13.16
2010	CO	Full-Service Providers	11.04	9.13	6.90	9.34	NA NA	9.15
2010	CT		19.47	16.48	12.05		NA NA	18.15
2010	DC	Full-Service Providers Full-Service Providers	14.02	14.92	0.00	11.16 0.00	NA NA	14.38
2010	DE		13.78	13.42	10.80	0.00	NA NA	
2010		Full-Service Providers		9.76	8.85	8.58	NA NA	13.25
	FL	Full-Service Providers	11.44					10.58
2010	GA HI	Full-Service Providers	10.07 28.10	9.06 25.93	6.22 21.94	7.46 0.00	NA NA	8.87 25.12
		Full-Service Providers						
2010	IA	Full-Service Providers	10.42	7.91				7.66
2010	ID "	Full-Service Providers	7.99	6.64	5.15	0.00	NA NA	6.54
2010	IL IN	Full-Service Providers	11.52	9.83		7.33		10.57
2010	IN	Full-Service Providers	9.56	8.38		9.21	NA	7.67
2010	KS	Full-Service Providers	10.03	8.25		0.00	NA	8.35
2010	KY	Full-Service Providers	8.57	7.88		0.00		6.73
2010	LA	Full-Service Providers	8.98	8.50		9.46		7.80
2010	MA	Full-Service Providers	14.31	14.30	12.22	0.00	NA	14.01
2010	MD	Full-Service Providers	14.35	12.26	9.45	0.00	NA	13.74
2010	ME	Full-Service Providers	15.47	13.06		0.00		14.12
2010	MI	Full-Service Providers	12.46	9.95		10.65		10.07
2010	MN	Full-Service Providers	10.59	8.38		7.77	NA	8.41
2010	MO	Full-Service Providers	9.08	7.50		6.14	NA	7.78
2010	MS	Full-Service Providers	9.87	9.32		0.00		8.59
2010	MT	Full-Service Providers	9.16	8.61	6.19	0.00	NA	8.46
2010	NC	Full-Service Providers	10.12	8.16		7.09	NA	8.67
2010	ND	Full-Service Providers	8.13	7.21	5.81	0.00		7.11
2010	NE	Full-Service Providers	8.94	7.63		0.00		7.52
2010	NH	Full-Service Providers	16.32	14.54	13.14	0.00	NA	15.48
2010	NJ	Full-Service Providers	16.58	14.63	10.47	0.00	NA	15.61
2010	NM	Full-Service Providers	10.52	8.57	6.01	0.00	NA	8.40
2010	NV	Full-Service Providers	12.36	9.85	7.58	9.40	NA	9.91
2010	NY	Full-Service Providers	18.51	17.48	9.28	17.89	NA	17.56

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2010	OH	Full-Service Providers	11.31	9.89	6.10	10.88	NA	9.32
2010	OK	Full-Service Providers	9.14	7.45	5.35	0.00	NA	7.59
2010	OR	Full-Service Providers	8.87	7.62	5.44	6.99	NA	7.63
2010	PA	Full-Service Providers	12.68	10.43	7.67	7.74	NA	10.60
2010	RI	Full-Service Providers	15.93	13.38	12.32	0.00	NA	14.80
2010	SC	Full-Service Providers	10.50	8.90	5.74	0.00	NA	8.49
2010	SD	Full-Service Providers	8.97	7.55	6.07	0.00	NA	7.82
2010	TN	Full-Service Providers	9.23	9.66	6.58	11.09	NA	8.61
2010	TX	Full-Service Providers	11.60	9.19	6.44	9.82	NA	9.34
2010	UT	Full-Service Providers	8.71	7.15	4.93	8.69	NA	6.94
2010	VA	Full-Service Providers	10.45	7.65	6.66	7.70	NA	8.69
2010	VT	Full-Service Providers	15.57	13.44	9.53	0.00	NA	13.24
2010	WA	Full-Service Providers	8.04	7.38	3.98	7.42	NA	6.70
2010	WI	Full-Service Providers	12.65	9.98	6.85	0.00	NA	9.78
2010	WV	Full-Service Providers	8.79	7.66	5.86	8.33	NA	7.45
2010	WY	Full-Service Providers	8.77	7.42	4.98	0.00	NA	6.20
2010	US	Full-Service Providers	11.44	9.82	6.49	9.55	NA	9.67
2010	CA	Restructured Retail Service Providers	20.44	11.70	9.88	7.47	NA	10.95
2010	CT	Restructured Retail Service Providers	18.70	16.44	15.33	12.20	NA	16.75
2010	DC	Restructured Retail Service Providers	13.82	13.16	7.74	10.95	NA	12.94
2010	DE	Restructured Retail Service Providers	15.01	9.93	8.55	0.00	NA	9.56
2010	ID	Restructured Retail Service Providers	0.00	0.00	0.00	0.00	NA	0.00
2010	IL	Restructured Retail Service Providers	15.80	8.11	6.95	6.70	NA	7.45
2010	MA	Restructured Retail Service Providers	16.96	14.72	14.25	6.40	NA	14.57
2010	MD	Restructured Retail Service Providers	13.96	11.55	9.60	9.89	NA	11.43
2010	ME	Restructured Retail Service Providers	15.72	12.51	9.14	0.00	NA	12.82
2010	MI	Restructured Retail Service Providers	12.58	8.79	7.16	0.00	NA	7.95
2010	MT	Restructured Retail Service Providers	9.25	6.82	5.09	0.00	NA	5.20
2010	NH	Restructured Retail Service Providers	16.43	13.81	12.62	0.00	NA	13.28
2010	NJ	Restructured Retail Service Providers	15.49	13.25	12.26	11.73	NA	13.05
2010	NV	Restructured Retail Service Providers	0.00	7.74	5.18	0.00	NA	5.67
2010	NY	Restructured Retail Service Providers	20.03	15.53	8.52	13.25	NA	15.03
2010	OH	Restructured Retail Service Providers	11.32	9.48	6.87	8.00	NA	8.77
2010	OR	Restructured Retail Service Providers	0.00	6.60	4.93	0.00	NA	5.43
2010	PA	Restructured Retail Service Providers	12.89	9.49	7.63	9.04	NA	9.32
2010	RI	Restructured Retail Service Providers	14.33	12.79	11.60	13.73	NA	12.49
2010	WA	Restructured Retail Service Providers	0.00	5.41	5.10	0.00	NA	5.11
2010	US	Restructured Retail Service Providers	15.29	12.21	8.56	11.03	NA	11.23
2010	CA	Energy-Only Providers	10.07	7.10	6.71	6.65	NA	6.96
2010	CT	Energy-Only Providers	10.30	10.03	10.34	8.13	NA	10.14
2010	DC	Energy-Only Providers	10.65	9.57	6.44	8.00	NA	9.44
2010	DE	Energy-Only Providers	10.81	8.78	8.04	0.00	NA	8.57
2010	ID	Energy-Only Providers	0.00	0.00	0.00	0.00	NA	0.00
2010	IL	Energy-Only Providers	11.83	6.32	5.99	5.51	NA	6.13
2010	MA	Energy-Only Providers	9.32	9.29	9.26	5.65	NA	9.23
2010	MD	Energy-Only Providers	10.45	9.20	8.47	8.54	NA	9.18
2010	ME	Energy-Only Providers	8.86	8.11	7.04	0.00	NA	8.11
2010	MI	Energy-Only Providers	6.51	6.50	5.86	0.00	NA	6.17
2010	MT	Energy-Only Providers	5.58	4.55	4.56	0.00	NA	4.56
2010	NH	Energy-Only Providers	9.07	8.29	8.18	0.00	NA	8.24
2010	NJ	Energy-Only Providers	10.69	9.17	8.58	8.71	NA	9.06
2010	NV	Energy-Only Providers	0.00	6.71	5.00	0.00	NA	5.34
2010	NY	Energy-Only Providers	10.32	9.01	5.57	8.94		8.70
2010	OH	Energy-Only Providers	6.53	6.07	5.42		NA	5.89
2010	OR	Energy-Only Providers	0.00	4.18	4.45	0.00	NA	4.37
2010	PA	Energy-Only Providers	9.21	7.81	6.99	7.86		7.72
2010	RI	Energy-Only Providers	8.17	8.51	8.28	8.96		8.45
2010	WA	Energy-Only Providers	0.00	4.56		0.00	NA	4.56
2010	US	Energy-Only Providers	8.88	8.21	6.62	8.05		7.73
2010	CA	Delivery-Only Service	10.37	4.60		0.82		3.99
2010	CT	Delivery-Only Service	8.41	6.40	4.99	4.07	NA	6.62
2010	DC	Delivery-Only Service	3.18	3.59	1.31	2.95		3.50
2010	DE	Delivery-Only Service	4.20	1.15		0.00		1.00
2010	ID	Delivery-Only Service	0.00	0.00		0.00		0.00
2010	IL	Delivery-Only Service	3.97	1.80	0.96	1.19		1.32
2010	MA	Delivery-Only Service	7.65	5.43	4.99	0.75		5.34
2010	MD	Delivery-Only Service	3.50	2.35		1.35	NA	2.25
2010	ME	Delivery-Only Service	6.86	4.39	2.10	0.00	NA	4.71
2010	MI	Delivery-Only Service	6.08	2.29	1.29	0.00	NA	1.77
2010	MT	Delivery-Only Service	3.67	2.27	0.53	0.00		0.64
2010	NH	Delivery-Only Service	7.36	5.51	4.44	0.00	NA	5.04
2010	NJ	Delivery-Only Service	4.81	4.08	3.68	3.02	NA	3.99
2010	NV	Delivery-Only Service	0.00	1.02	0.17	0.00	NA	0.34
2010	NY	Delivery-Only Service	9.71	6.51	2.95	4.31		6.32
2010	ОН	Delivery-Only Service	4.79	3.41	1.46	3.13	NA	2.88
2010	OR	Delivery-Only Service	0.00	2.42				1.06
		, ,				,,,,,		

		nts/kilowatthour) by State by Provide				_		
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2010	PA	Delivery-Only Service	3.68	1.68	0.64	1.18	NA	1.60
2010	RI	Delivery-Only Service	6.16	4.28	3.32	4.77	NA	4.04
2010	WA	Delivery-Only Service	0.00	0.85	0.54	0.00	NA	0.55
2010	US	Delivery-Only Service	6.41	3.99	1.93	2.98	NA	3.50
2009	AK	Total Electric Industry	17.14	14.46	13.15	0.00	NA	15.09
2009	AL	Total Electric Industry	10.66	10.05	5.96	0.00	NA	8.83
2009	AR	Total Electric Industry	9.14	7.56	5.76	12.32	NA	7.57
2009	AZ	Total Electric Industry	10.73	9.35	6.65	0.00	NA	9.56
2009	CA	Total Electric Industry	14.74	13.27	10.42	8.35	NA	13.24
2009	CO	Total Electric Industry	10.00	8.15	6.39	8.14	NA	8.31
2009	CT	Total Electric Industry	20.33	16.87	14.99	11.95	NA	18.07
2009	DC	Total Electric Industry	13.73	13.26	8.38	13.12	NA	13.23
2009	DE	Total Electric Industry	14.07	12.03	9.51	0.00	NA	12.20
2009	FL	Total Electric Industry	12.39	10.77	9.32	10.48	NA	11.49
2009	GA	Total Electric Industry	10.13	8.94	6.12	7.03	NA	8.81
2009	HI	Total Electric Industry	24.20	21.86	18.14	0.00	NA	21.21
2009	IA	Total Electric Industry	9.99	7.55	5.27	0.00	NA	7.37
2009	ID	Total Electric Industry	7.80	6.49	5.17	0.00	NA	6.51
2009	IL	Total Electric Industry	11.27	9.05	7.01	8.39	NA	9.15
2009	IN	Total Electric Industry	9.50	8.32	5.81	9.65	NA	7.62
2009	KS	Total Electric Industry	9.53	7.87	6.10	0.00	NA	7.98
2009	KY	Total Electric Industry	8.37	7.63	4.92	0.00	NA	6.52
2009	LA	Total Electric Industry	8.10	7.69	5.25	10.09	NA NA	7.06
2009	MA	Total Electric Industry	16.87	15.37	14.07	6.21	NA NA	15.45
2009	MD	Total Electric Industry	14.98	11.98	9.96	10.50	NA	13.09
2009	ME	Total Electric Industry	15.64	12.60	10.03	0.00	NA	13.12
2009	MI	Total Electric Industry	11.60	9.24	6.98	10.79	NA NA	9.40
2009	MN	Total Electric Industry	10.04	7.92	6.26	7.73	NA	8.14
2009	MO	Total Electric Industry	8.54	6.96	5.42	5.83	NA	7.35
2009	MS	Total Electric Industry	10.22	9.50	6.61	0.00	NA	8.85
2009	MT	Total Electric Industry	8.94	8.32	5.46	0.00	NA	7.58
2009	NC	Total Electric Industry	9.99	7.98	5.99	6.83	NA	8.48
2009	ND	Total Electric Industry	7.58	6.81	5.25	0.00	NA	6.63
2009	NE	Total Electric Industry	8.52	7.33	5.75	0.00	NA	7.21
2009	NH	Total Electric Industry	16.39	14.36	13.73	0.00	NA	15.09
2009	NJ	Total Electric Industry	16.31	13.84	11.89	12.50	NA	14.53
2009	NM	Total Electric Industry	10.02	8.40	5.72	0.00	NA	8.09
2009	NV	Total Electric Industry	12.86	10.64	7.97	9.95	NA	10.36
2009	NY	Total Electric Industry	17.50	15.48	8.37	13.13	NA	15.44
2009	OH	Total Electric Industry	10.67	9.65	6.72	10.73	NA	9.02
2009	OK	Total Electric Industry	8.49	6.76	4.82	0.00	NA	6.94
2009	OR	Total Electric Industry	8.68	7.50	5.40	6.83	NA	7.47
2009	PA	Total Electric Industry	11.65	9.55	7.21	7.77	NA	9.60
2009	RI	Total Electric Industry	15.60	13.66	12.22	0.00	NA	14.22
2009	SC	Total Electric Industry	10.44	8.74	5.79	0.00	NA	8.42
2009	SD	Total Electric Industry	8.49	7.14	5.65	0.00	NA	7.39
2009	TN	Total Electric Industry	9.32	9.61	6.76	10.69	NA	8.69
2009	TX	Total Electric Industry	12.38	9.66	6.74	9.83	NA	9.86
2009	UT	Total Electric Industry	8.48	6.96	4.81	8.31	NA	6.77
2009	VA	Total Electric Industry	10.61	8.06	6.91	8.42	NA	8.93
2009	VT	Total Electric Industry	14.90	12.93	9.21	0.00	NA	12.75
2009	WA	Total Electric Industry	7.67	6.97	4.40	5.91	NA NA	6.59
2009	WI	Total Electric Industry	11.94	9.57	6.73	0.00		9.38
2009	WV	Total Electric Industry	7.90	6.77	5.24	7.56		6.65
2009	WY	Total Electric Industry	8.58	7.28	4.83	0.00	NA	6.08
2009	US	Total Electric Industry	11.51	10.16		10.66		9.82
2009	AK	Full-Service Providers	17.14	14.46		0.00		15.09
2009	AL	Full-Service Providers	10.66	10.05	5.96	0.00	NA	8.83
2009	AR	Full-Service Providers	9.14	7.56				7.57
2009	AZ	Full-Service Providers	10.73	9.35		0.00		9.56
2009	CA	Full-Service Providers	14.74	13.35	10.39	9.05		13.36
2009	CO	Full-Service Providers	10.00	8.15	6.39	8.14	NA	8.31
2009	CT	Full-Service Providers	20.36	17.55		0.00		19.12
2009	DC	Full-Service Providers	13.68	15.12	0.00	0.00		14.38
2009	DE	Full-Service Providers	14.04	13.89	10.93	0.00	NA	13.56
2009	FL	Full-Service Providers	12.39	10.77	9.32	10.48	NA	11.49
2009	GA	Full-Service Providers	10.13	8.94	6.12	7.03		8.81
2009	HI	Full-Service Providers	24.20	21.86	18.14	0.00	NA	21.21
2009	IA	Full-Service Providers	9.99	7.55	5.27	0.00	NA	7.37
2009	ID	Full-Service Providers	7.80	6.49		0.00		6.51
2009	IL	Full-Service Providers	11.27	9.76		7.80		10.39
2009	IN	Full-Service Providers	9.50	8.32	5.81	9.65		7.62
2009	KS	Full-Service Providers	9.53	7.87	6.10	0.00	NA	7.98
2009	KY	Full-Service Providers	8.37	7.63	4.92	0.00		6.52
2009	LA	Full-Service Providers	8.10	7.69	5.25	10.09		7.06
2009	MA	Full-Service Providers	16.66	16.21	13.53	0.00	NA	16.07

		nts/kilowatthour) by State by Provide		Commercial	Industrial	Transportation	Othor	Total
Year 2009	State MD	Industry Sector Category Full-Service Providers	Residential 14.95	Commercial 12.59	Industrial 9.33	Transportation 0.00	Other NA	14.22
2009	ME	Full-Service Providers	16.16	12.93	12.22	0.00	NA NA	14.46
2009	MI	Full-Service Providers	11.60	9.24	6.98	10.79		9.45
2009	MN	Full-Service Providers	10.04	7.92	6.26	7.73	NA	8.14
2009	MO	Full-Service Providers	8.54	6.96	5.42	5.83	NA	7.35
2009	MS	Full-Service Providers	10.22	9.50	6.61	0.00	NA	8.85
2009	MT	Full-Service Providers	8.94	8.38	6.01	0.00	NA	8.22
2009	NC	Full-Service Providers	9.99	7.98	5.99	6.83	NA	8.48
2009	ND	Full-Service Providers	7.58	6.81	5.25	0.00	NA	6.63
2009	NE	Full-Service Providers	8.52	7.33	5.75	0.00	NA	7.21
2009	NH	Full-Service Providers	16.36	13.97	14.11	0.00	NA	15.17
2009	NJ	Full-Service Providers	16.31	14.59	11.70	10.76		15.34
2009	NM	Full-Service Providers	10.02	8.40	5.72	0.00	NA	8.09
2009	NV	Full-Service Providers	12.86	10.64	8.21	9.95	NA NA	10.56
2009	NY	Full-Service Providers	17.16	16.21	8.62	14.97	NA NA	16.25
2009	OH OK	Full-Service Providers	10.63	9.64	6.76	10.73	NA NA	9.07
2009	-	Full-Service Providers	8.49	6.76	4.82			6.94
2009	OR PA	Full-Service Providers	8.68 11.60	7.53 9.52	5.26 7.16	6.83 7.73	NA NA	7.53 9.62
2009	RI	Full-Service Providers Full-Service Providers	15.60	9.52	12.83	0.00	NA NA	14.77
2009	SC	Full-Service Providers	10.44	8.74	5.79	0.00	NA NA	8.42
2009	SD	Full-Service Providers	8.49	7.14	5.65	0.00	NA NA	7.39
2009	TN	Full-Service Providers	9.32	9.61	6.76	10.69		8.69
2009	TX	Full-Service Providers	12.38	9.66	6.74	9.83	NA NA	9.86
2009	UT	Full-Service Providers	8.48	6.96	4.81	8.31	NA NA	6.77
2009	VA	Full-Service Providers	10.61	8.06	6.91	8.42		8.93
2009	VT	Full-Service Providers	14.90	12.93	9.21	0.00	NA NA	12.75
2009	WA	Full-Service Providers	7.67	6.98	4.40	5.91	NA	6.72
2009	WI	Full-Service Providers	11.94	9.57	6.73	0.00	NA	9.38
2009	WV	Full-Service Providers	7.90	6.77	5.24	7.56	NA	6.65
2009	WY	Full-Service Providers	8.58	7.28	4.83	0.00	NA	6.08
2009	US	Full-Service Providers	11.43	9.82	6.57	9.17	NA	9.67
2009	CA	Restructured Retail Service Providers	15.39	12.34	10.59	7.41	NA	11.54
2009	CT	Restructured Retail Service Providers	20.12	16.52	15.82	11.95	NA	16.72
2009	DC	Restructured Retail Service Providers	15.21	12.82	8.38	13.12	NA	12.72
2009	DE	Restructured Retail Service Providers	15.80	10.45	8.65	0.00	NA	9.79
2009	ID	Restructured Retail Service Providers	0.00	0.00	0.00	0.00	NA	0.00
2009	IL	Restructured Retail Service Providers	11.24	8.37	7.17	8.41	NA	7.68
2009	MA	Restructured Retail Service Providers	18.55	14.68	14.27	6.20	NA	14.69
2009	MD	Restructured Retail Service Providers	15.78	11.72	10.09	10.50	NA	11.56
2009	ME	Restructured Retail Service Providers	15.63	12.60	10.01	0.00	NA	13.11
2009	MI	Restructured Retail Service Providers	11.48	9.35	7.07	0.00	NA	8.41
2009	MT	Restructured Retail Service Providers	8.97	6.79	5.09	0.00	NA	5.19
2009	NH	Restructured Retail Service Providers	19.11	16.04 12.67	13.41	0.00	NA NA	14.74
2009	NJ	Restructured Retail Service Providers Restructured Retail Service Providers	16.35 0.00	8.30	11.98 6.05	12.60 0.00	NA NA	12.48 6.05
2009	NY	Restructured Retail Service Providers	19.64	14.96	8.23	12.92	NA NA	14.44
2009	OH	Restructured Retail Service Providers	11.39	9.78	6.23	0.00	NA NA	8.53
2009	OR	Restructured Retail Service Providers	0.00	6.52	6.18	0.00	NA NA	6.25
2009	PA	Restructured Retail Service Providers	13.98	9.72	7.75	9.76	NA NA	9.41
2009	RI	Restructured Retail Service Providers	16.05	12.93	11.73	0.00	NA NA	12.60
2009	VA	Restructured Retail Service Providers	14.13	8.00	0.00	0.00	NA	14.06
2009	WA	Restructured Retail Service Providers	0.00	5.08	4.41	0.00		4.42
2009	US	Restructured Retail Service Providers	16.98	12.54	8.85	11.36	NA.	11.48
2009	CA	Energy-Only Providers	8.37	7.74		6.64		7.68
2009	CT	Energy-Only Providers	11.17	10.27	10.95	8.65	NA	10.49
2009	DC	Energy-Only Providers	12.26	9.34	7.14	10.26		9.33
2009	DE	Energy-Only Providers	11.63	9.44		0.00		8.97
2009	ID	Energy-Only Providers	0.00	0.00	0.00	0.00		0.00
2009	IL	Energy-Only Providers	7.63	6.67	6.21	7.22		6.40
2009	MA	Energy-Only Providers	11.78	9.79		5.26		9.93
2009	MD	Energy-Only Providers	12.17	9.51	8.92	9.28		9.50
2009	ME	Energy-Only Providers	9.03	8.42	7.99	0.00		8.55
2009	MI	Energy-Only Providers	6.28	7.26	5.97	0.00		6.73
2009	MT	Energy-Only Providers	5.40	4.59		0.00		4.61
2009	NH	Energy-Only Providers	10.62	10.26	9.22	0.00		9.72
2009	NJ	Energy-Only Providers	10.91	8.94	8.50	9.72		8.83
2009	NV	Energy-Only Providers	0.00	7.09				5.78
2009	NY	Energy-Only Providers	10.35	9.04	5.55	9.25		8.70
2009	OH OR	Energy-Only Providers	6.24 0.00	6.22	5.16	0.00		5.71
2009		Energy-Only Providers		4.74	5.44	0.00		5.30
2009	PA RI	Energy-Only Providers	8.79	7.80				7.58
2009 2009	VA VA	Energy-Only Providers	10.23 11.71	8.72 5.00	8.50 0.00	0.00		8.66 11.63
2009	WA	Energy-Only Providers	0.00	4.02		0.00		4.03
	US	Energy-Only Providers						
2009	US	Energy-Only Providers	9.72	8.60	6.94	8.67	NA NA	8.08

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2009	CA	Delivery-Only Service	7.01	4.60	2.97	0.77	NA	3.87
2009	CT	Delivery-Only Service	8.95	6.25	4.86	3.30	NA NA	6.23
2009	DC	Delivery-Only Service	2.95	3.48	1.24	2.87	NA	3.39
2009	DE	Delivery-Only Service	4.17	1.00	0.42	0.00	NA	0.82
2009	ID	Delivery-Only Service	0.00	0.00	0.00	0.00	NA	0.00
2009	IL.	Delivery-Only Service	3.61	1.70	0.97	1.19	NA NA	1.27
2009	MA	Delivery-Only Service	6.78	4.89	4.42	0.95	NA	4.76
2009	MD	Delivery-Only Service	3.61	2.21	1.16	1.22	NA	2.06
2009	ME	Delivery-Only Service	6.59	4.18	2.02	0.00	NA	4.56
2009	MI	Delivery-Only Service	5.20	2.09	1.10	0.00	NA	1.68
2009	MT	Delivery-Only Service	3.57	2.21	0.48	0.00	NA	0.58
2009	NH	Delivery-Only Service	8.49	5.79	4.19	0.00	NA	5.02
2009	NJ	Delivery-Only Service	5.44	3.73	3.48	2.87	NA	3.65
2009	NV	Delivery-Only Service	0.00	1.21	0.27	0.00	NA	0.27
2009	NY	Delivery-Only Service	9.29	5.93	2.68	3.67	NA	5.73
2009	OH	Delivery-Only Service	5.16	3.56	1.32	0.00	NA	2.81
2009	OR	Delivery-Only Service	0.00	1.78	0.73	0.00	NA	0.95
2009	PA	Delivery-Only Service	5.19	1.92	0.79	2.69	NA	1.82
2009	RI	Delivery-Only Service	5.82	4.21	3.23	0.00	NA	3.94
2009	VA	Delivery-Only Service	2.42	3.00	0.00	0.00	NA	2.43
2009	WA	Delivery-Only Service	0.00	1.06	0.38	0.00	NA	0.39
2009	US	Delivery-Only Service	7.27	3.95	1.90	2.69	NA	3.41
2008	AK	Total Electric Industry	16.56	13.64	14.17	0.00	NA	14.74
2008	AL	Total Electric Industry	10.40	9.87	6.11	0.00	NA	8.59
2008	AR	Total Electric Industry	9.27	7.61	5.89	11.79	NA	7.60
2008	AZ	Total Electric Industry	10.27	8.93	6.57	0.00	NA	9.11
2008	CA	Total Electric Industry	13.81	12.54	10.09	8.16	NA	12.49
2008	CO	Total Electric Industry	10.13	8.57	6.65	8.32	NA	8.59
2008	CT	Total Electric Industry	19.54	17.12	14.93	15.44	NA	17.80
2008	DC	Total Electric Industry	12.78	13.30	10.65	14.01	NA	13.18
2008	DE	Total Electric Industry	13.93	12.10	10.49	0.00	NA	12.38
2008	FL	Total Electric Industry	11.65	10.14	8.25	10.18	NA	10.74
2008	GA	Total Electric Industry	9.93	9.07	6.67	7.15	NA	8.84
2008	HI	Total Electric Industry	32.50	29.72	26.05	0.00	NA	29.20
2008	IA	Total Electric Industry	9.49	7.18	4.81	0.00	NA	6.89
2008	ID	Total Electric Industry	6.99	5.72	4.48	0.00	NA	5.69
2008	IL	Total Electric Industry	11.07	9.25	7.34	7.53	NA	9.23
2008	IN	Total Electric Industry	8.87	7.82	5.46	9.60	NA	7.09
2008	KS	Total Electric Industry	8.89	7.44	5.69	0.00	NA	7.45
2008	KY	Total Electric Industry	7.94	7.29	4.82	0.00	NA	6.26
2008	LA	Total Electric Industry	10.28	10.12	7.94	11.88	NA	9.44
2008	MA	Total Electric Industry	17.56	16.07	14.14	10.06	NA	16.23
2008	MD	Total Electric Industry	13.84	12.77	10.38	11.77	NA	13.01
2008	ME	Total Electric Industry	16.24	12.95	11.56	0.00	NA	13.80
2008	MI	Total Electric Industry	10.75	9.17	6.73	11.83	NA	8.93
2008	MN	Total Electric Industry	9.74	7.88	5.87	8.04	NA	7.79
2008	MO	Total Electric Industry	8.00	6.61	4.92	5.40	NA	6.84
2008	MS	Total Electric Industry	10.39	10.02	6.56	0.00	NA	8.99
2008	MT	Total Electric Industry	9.13	8.54	5.91	0.00	NA	7.72
2008	NC	Total Electric Industry	9.52	7.55	5.54	6.57	NA	7.96
2008	ND	Total Electric Industry	7.52	6.81	5.59	0.00	NA NA	6.69
2008	NE	Total Electric Industry	7.87	6.68	5.16	0.00	NA NA	6.58
2008	NH	Total Electric Industry	15.68	14.30		0.00		14.63
	NJ	Total Electric Industry	15.66	14.03				14.43
2008	NM	Total Electric Industry	10.01	8.67	6.38	0.00	NA NA	8.35
2008	NV	Total Electric Industry	11.93	10.07	7.98		NA NA	9.89
2008	NY	Total Electric Industry	18.31	16.79				16.47
2008	OH	Total Electric Industry	10.06	9.23	6.20	10.68	NA NA	8.39
2008	OK	Total Electric Industry	9.09	7.88				7.81
2008	OR	Total Electric Industry	8.49	7.29		6.75		7.24
2008	PA	Total Electric Industry	11.35	9.39	7.03	7.57	NA NA	9.33
2008	RI	Total Electric Industry	17.45	15.40	14.23	0.00	NA NA	16.04
2008	SC	Total Electric Industry	9.89	8.42		0.00		7.85
2008	SD	Total Electric Industry	8.27	6.97	5.31	0.00	NA NA	7.14
2008	TN	Total Electric Industry	8.91	9.24	6.29	10.17	NA NA	8.18
2008	TX	Total Electric Industry	13.03	10.75			NA NA	10.99
2008	UT	Total Electric Industry	8.26	6.66		7.85		6.49
2008	VA	Total Electric Industry	9.62	7.32	5.82	7.80	NA NA	8.00
2008	VA	Total Electric Industry Total Electric Industry	9.62	12.49	9.19	0.00	NA NA	12.33
2008	WA	Total Electric Industry Total Electric Industry	7.54	12.49	9.19	5.82		6.55
2008	WI	-	11.51	9.28		0.00		9.00
2008	WV	Total Electric Industry Total Electric Industry	7.06	9.28	4.20	6.32	NA NA	
		Total Electric Industry						5.61
2008	WY	Total Electric Industry	8.21	6.71	4.47	0.00	NA NA	5.67
2008	US	Total Electric Industry	11.26	10.26			NA NA	9.74
2008	AK	Full-Service Providers	16.56	13.64	14.17	0.00	NA NA	14.74
2008	AL	Full-Service Providers	10.40	9.87	6.11	0.00	NA	8.59

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2008	AR	Full-Service Providers	9.27	7.61	5.89	11.79	NA	7.60
2008	AZ	Full-Service Providers	10.27	8.93	6.57	0.00	NA	9.11
2008	CA	Full-Service Providers	13.79	12.41	9.77	8.58	NA	12.45
2008	CO	Full-Service Providers	10.13	8.57	6.65	8.32	NA	8.59
2008	CT	Full-Service Providers	19.49	17.48	13.95	20.01	NA	18.46
2008	DC	Full-Service Providers	12.74	15.02	0.00	0.00	NA	13.90
2008	DE	Full-Service Providers	13.89	13.19	11.66	0.00	NA	13.37
2008	FL	Full-Service Providers	11.65	10.14	8.25	10.18	NA	10.74
2008	GA	Full-Service Providers	9.93	9.07	6.67	7.15	NA	8.84
2008	HI	Full-Service Providers	32.50	29.72	26.05	0.00	NA	29.20
2008	IA	Full-Service Providers	9.49	7.18	4.81	0.00	NA	6.89
2008	ID	Full-Service Providers	6.99	5.72	4.48	0.00	NA	5.69
2008	IL	Full-Service Providers	11.07	9.99	6.61	8.22	NA	10.35
2008	IN	Full-Service Providers	8.87	7.82	5.46	9.60	NA	7.09
2008	KS	Full-Service Providers	8.89	7.44	5.69	0.00	NA	7.45
2008	KY	Full-Service Providers	7.94	7.29	4.82	0.00	NA	6.26
2008	LA	Full-Service Providers	10.28	10.12	7.94	11.88	NA	9.44
2008	MA	Full-Service Providers	17.40	16.88	13.71	0.00	NA	16.75
2008	MD	Full-Service Providers	13.78	14.22	10.33	0.00	NA	13.82
2008	ME	Full-Service Providers	15.20	12.53	10.87	0.00	NA	13.56
2008	MI	Full-Service Providers	10.75	9.10	6.73	11.83	NA	8.93
2008	MN	Full-Service Providers	9.74	7.88	5.87	8.04	NA	7.79
2008	MO	Full-Service Providers	8.00	6.61	4.92	5.40	NA	6.84
2008	MS	Full-Service Providers	10.39	10.02	6.56	0.00	NA	8.99
2008	MT	Full-Service Providers	9.13	8.57	5.72	0.00	NA	8.06
2008	NC	Full-Service Providers	9.52	7.55	5.54	6.57	NA	7.96
2008	ND	Full-Service Providers	7.51	6.81	5.59	0.00	NA	6.69
2008	NE	Full-Service Providers	7.87	6.68	5.16	0.00	NA	6.58
2008	NH	Full-Service Providers	15.68	14.09	12.91	0.00	NA	14.59
2008	NJ	Full-Service Providers	15.66	14.12	11.13	13.75	NA	14.62
2008	NM	Full-Service Providers	10.01	8.67	6.38	0.00	NA	8.35
2008	NV	Full-Service Providers	11.93	10.07	8.04	9.47	NA	9.98
2008	NY	Full-Service Providers	17.98	17.95	10.55	20.51	NA	17.46
2008	OH	Full-Service Providers	10.03	9.15	6.16	10.68	NA	8.37
2008	OK	Full-Service Providers	9.09	7.88	5.90	0.00	NA	7.81
2008	OR	Full-Service Providers	8.49	7.26	4.90	6.75	NA	7.22
2008	PA	Full-Service Providers	11.29	9.28	7.00	7.53	NA	9.32
2008	RI	Full-Service Providers	17.46	16.04	14.86	0.00	NA	16.55
2008	SC	Full-Service Providers	9.89	8.42	5.37	0.00	NA	7.85
2008	SD	Full-Service Providers	8.27	6.97	5.31	0.00	NA	7.14
2008	TN	Full-Service Providers	8.91	9.24	6.29	10.17	NA	8.18
2008	TX	Full-Service Providers	13.03	10.75	8.79	8.64	NA	10.99
2008	UT	Full-Service Providers	8.26	6.66	4.59	7.85	NA	6.49
2008	VA	Full-Service Providers	9.61	7.32	5.82	7.80	NA	8.00
2008	VT	Full-Service Providers	14.48	12.49	9.19	0.00	NA	12.33
2008	WA	Full-Service Providers	7.54	6.77	4.32	5.82	NA	6.55
2008	WI	Full-Service Providers	11.51	9.28	6.51	0.00	NA	9.00
2008	WV	Full-Service Providers	7.06	6.08	4.20	6.32	NA	5.61
2008	WY	Full-Service Providers	8.21	6.71	4.47	0.00	NA	5.67
2008	US	Full-Service Providers	11.18	9.83	6.72	9.91	NA	9.55
2008	CA	Restructured Retail Service Providers	20.50	13.99	11.85	7.62	NA	13.02
2008	CT	Restructured Retail Service Providers	20.22	16.85	15.40	14.35	NA	16.71
2008	DC	Restructured Retail Service Providers	15.24	12.83	10.65	14.01	NA	12.81
2008	DE	Restructured Retail Service Providers	15.90	10.79		0.00		10.44
2008	ID	Restructured Retail Service Providers	0.00	0.00	0.00	0.00		0.00
2008	IL	Restructured Retail Service Providers	11.52	8.44	7.46	7.50		7.84
2008	MA	Restructured Retail Service Providers	19.10	15.58		10.06		15.55
2008	MD	Restructured Retail Service Providers	15.80	12.09	10.39	11.77	NA	11.89
2008	ME	Restructured Retail Service Providers	16.26	12.96		0.00		13.80
2008	MI	Restructured Retail Service Providers	10.71	10.67	6.65	0.00		9.08
2008	MT	Restructured Retail Service Providers	9.19	7.85	6.12	0.00	NA	6.23
2008	NH	Restructured Retail Service Providers	14.73	16.31	13.96	0.00		15.10
2008	NJ	Restructured Retail Service Providers	15.98	13.80		13.11	NA	13.69
2008	NV	Restructured Retail Service Providers	0.00	0.00		0.00		7.48
2008	NY	Restructured Retail Service Providers	20.89	15.95	8.65	11.67	NA	15.17
2008	OH	Restructured Retail Service Providers	10.74	9.95	6.56	0.00	NA	8.66
2008	OR	Restructured Retail Service Providers	0.00	7.90	7.52	0.00	NA	7.63
2008	PA	Restructured Retail Service Providers	14.42	10.20	7.35	9.11	NA	9.40
2008	RI	Restructured Retail Service Providers	16.46	12.76	12.98	0.00	NA	12.86
2008	VA	Restructured Retail Service Providers	13.00	7.38	0.00	0.00	NA	12.95
2008	WA	Restructured Retail Service Providers	0.00	6.94	6.44	0.00	NA	6.46
2008	US	Restructured Retail Service Providers	17.51	13.30	9.14	11.11	NA	12.05
2008	CA	Energy-Only Providers	13.68	9.16	8.66	7.00	NA	8.95
2008	CT	Energy-Only Providers	11.91	11.20	11.31	11.90		11.29
2008	DC	Energy-Only Providers	12.39	9.50	9.50	11.26	NA	9.58
2008	DE	Energy-Only Providers	11.96	9.81	9.41	0.00		9.66
		<i>,</i>				,,,,,		

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2008	ID	Energy-Only Providers	0.00	0.00	0.00	0.00	NA	0.00
2008	IL	Energy-Only Providers	8.52	6.96	6.63	6.54	NA	6.75
2008	MA	Energy-Only Providers	12.08	10.77	10.75	9.37	NA	10.85
2008	MD	Energy-Only Providers	12.30	9.98	9.41	10.57	NA	9.95
2008	ME	Energy-Only Providers	9.70	8.89	9.72	0.00	NA	9.42
2008	MI	Energy-Only Providers	5.27	8.57	5.67	0.00	NA	7.43
2008	MT	Energy-Only Providers	5.48	5.60	5.59	0.00	NA	5.59
2008	NH	Energy-Only Providers	8.76	12.79	10.55	0.00	NA	11.65
2008	NJ	Energy-Only Providers	11.71	10.39	10.35	10.92	NA	10.39
2008	NV	Energy-Only Providers	0.00	0.00	7.26	0.00	NA	7.26
2008	NY	Energy-Only Providers	13.43	10.97	6.50	8.38	NA	10.44
2008	OH	Energy-Only Providers	5.52	5.65	4.38	0.00	NA	5.09
2008	OR	Energy-Only Providers	0.00	6.74	6.78	0.00	NA	6.77
2008	PA	Energy-Only Providers	9.26	8.13	6.66	6.52	NA	7.61
2008	RI	Energy-Only Providers	12.12	8.57	9.39	0.00	NA	8.86
2008	VA	Energy-Only Providers	10.47	3.28	0.00	0.00	NA	10.41
2008	WA	Energy-Only Providers	0.00	6.06	6.08	0.00	NA	6.08
2008	US	Energy-Only Providers	10.94	9.63	7.53	8.77	NA	8.96
2008	CA	Delivery-Only Service	6.82	4.83	3.19	0.62	NA	4.07
2008	CT	Delivery-Only Service	8.31	5.65	4.09	2.44	NA	5.41
2008	DC	Delivery-Only Service	2.85	3.33	1.16	2.76	NA	3.23
2008	DE	Delivery-Only Service	3.94	0.98	0.41	0.00	NA	0.77
2008	ID	Delivery-Only Service	0.00	0.00	0.00	0.00	NA	0.00
2008	IL	Delivery-Only Service	3.00	1.49	0.83	0.97	NA	1.08
2008	MA	Delivery-Only Service	7.02	4.81	3.74	0.69	NA	4.70
2008	MD	Delivery-Only Service	3.50	2.12	0.99	1.20	NA	1.93
2008	ME	Delivery-Only Service	6.55	4.07	1.84	0.00	NA	4.38
2008	MI	Delivery-Only Service	5.43	2.10	0.98	0.00	NA	1.66
2008	MT	Delivery-Only Service	3.70	2.25	0.53	0.00	NA	0.63
2008	NH	Delivery-Only Service	5.97	3.51	3.40	0.00	NA	3.46
2008	NJ	Delivery-Only Service	4.27	3.40	3.17	2.18	NA	3.30
2008	NV	Delivery-Only Service	0.00	0.00	0.22	0.00	NA	0.22
2008	NY	Delivery-Only Service	7.46	4.98	2.15	3.29	NA	4.73
2008	OH	Delivery-Only Service	5.22	4.29	2.18	0.00	NA	3.57
2008	OR	Delivery-Only Service	0.00	1.16		0.00	NA	0.86
2008	PA	Delivery-Only Service	5.16	2.07	0.69	2.59	NA	1.79
2008	RI	Delivery-Only Service	4.34	4.19	3.59	0.00	NA	4.00
2008	VA	Delivery-Only Service	2.53	4.10	0.00	0.00	NA	2.54
2008	WA	Delivery-Only Service	0.00	0.87	0.37	0.00	NA	0.38
2008	US	Delivery-Only Service	6.58	3.67	1.61	2.35	NA	3.10
2007	AK	Total Electric Industry	15.18	12.19	12.63	0.00	NA	13.28
2007	AL	Total Electric Industry	9.32	8.70	5.27	0.00	NA	7.57
2007	AR	Total Electric Industry	8.73	6.91	5.25	0.00	NA	6.96
2007	AZ	Total Electric Industry	9.66	8.27	6.05	0.00	NA	8.54
2007	CA	Total Electric Industry	14.42	12.82	9.98	8.37	NA	12.80
2007	CO	Total Electric Industry	9.25	7.62	5.97	7.18	NA	7.76
2007	CT	Total Electric Industry	19.11	15.39	12.92	14.18	NA	16.45
2007	DC	Total Electric Industry	11.18	12.01	9.32	11.32	NA	11.79
2007	DE	Total Electric Industry	13.16	11.21	8.93	0.00	NA	11.35
2007	FL	Total Electric Industry	11.22	9.75	7.76	9.73	NA	10.33
2007	GA	Total Electric Industry	9.10	8.07	5.53	6.42	NA	7.86
2007	HI	Total Electric Industry	24.12	21.91	18.38	0.00	NA	21.29
2007	IA	Total Electric Industry	9.45	7.11	4.74	0.00		6.83
2007	ID	Total Electric Industry	6.36	5.14		0.00		5.07
2007	IL	Total Electric Industry	10.12	8.57	6.61	6.43	NA	8.46
2007	IN	Total Electric Industry	8.26	7.29		10.09		6.50
2007	KS	Total Electric Industry	8.19	6.83		0.00		6.84
2007	KY	Total Electric Industry	7.34	6.76		0.00	NA	5.84
2007	LA	Total Electric Industry	9.37	9.13		13.91	NA	8.39
2007	MA	Total Electric Industry	16.23	15.20		9.24		15.16
2007	MD	Total Electric Industry	11.89	11.58		10.15		11.50
2007	ME	Total Electric Industry	16.52	12.94	14.11	0.00	NA	14.59
2007	MI	Total Electric Industry	10.21	8.77	6.47	9.76		8.53
2007	MN	Total Electric Industry	9.18	7.48		8.27	NA	7.44
2007	MO	Total Electric Industry	7.69	6.34	4.76	6.16		6.56
2007	MS	Total Electric Industry	9.36	8.92	5.75	0.00	NA	8.03
2007	MT	Total Electric Industry	8.77	8.10		0.00		7.13
2007	NC	Total Electric Industry	9.40	7.43		9.09		7.83
2007	ND	Total Electric Industry	7.30	6.58	5.24	0.00	NA	6.42
2007	NE	Total Electric Industry	7.59	6.39	4.78	0.00	NA	6.28
2007	NH	Total Electric Industry	14.88	13.91	12.27	0.00	NA	13.98
2007	NJ	Total Electric Industry	14.14	12.99	10.08	11.14	NA	13.01
2007	NM	Total Electric Industry	9.12	7.66	5.60	0.00	NA	7.44
2007	NV	Total Electric Industry	11.82	10.09	8.28	9.98	NA	9.99
2007	NY	Total Electric Industry	17.10	15.92	8.71	10.96	NA	15.22
2007	ОН	Total Electric Industry	9.57	8.67	5.76	9.98	NA	7.91

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2007	OK	Total Electric Industry	8.58	7.33	5.41	0.00	NA	7.29
2007	OR	Total Electric Industry	8.19	7.20	5.06	6.71	NA	7.02
2007	PA	Total Electric Industry	10.95	9.20	6.87	7.72	NA NA	9.08
2007	RI	Total Electric Industry	14.05	12.67	12.04	0.00	NA	13.12
2007	SC	Total Electric Industry	9.19	7.74	4.83	0.00	NA	7.18
2007	SD	Total Electric Industry	8.07	6.61	5.09	0.00	NA	6.89
2007	TN	Total Electric Industry	7.84	8.09	5.19	10.31	NA	7.07
2007	TX	Total Electric Industry	12.34	9.87	7.79	8.40	NA	10.11
2007	UT	Total Electric Industry	8.15	6.54	4.52	7.44	NA NA	6.41
2007	VA	•	8.74	6.38	5.07	6.73	NA NA	7.12
		Total Electric Industry						
2007	VT	Total Electric Industry	14.15	12.29	8.92	0.00	NA	12.04
2007	WA	Total Electric Industry	7.26	6.55	4.57	5.74	NA	6.37
2007	WI	Total Electric Industry	10.87	8.71	6.16	0.00	NA	8.48
2007	WV	Total Electric Industry	6.73	5.85	3.95	6.42	NA NA	5.34
2007	WY	Total Electric Industry	7.75	6.25	4.10	0.00	NA	5.29
2007	US	Total Electric Industry	10.65	9.65	6.39	9.70	NA	9.13
2007	AK	Full-Service Providers	15.18	12.19	12.63	0.00	NA	13.28
2007	AL	Full-Service Providers	9.32	8.70	5.27	0.00	NA	7.57
2007	AR	Full-Service Providers	8.73	6.91	5.25	0.00	NA	6.96
2007	AZ	Full-Service Providers	9.66	8.27	6.05	0.00	NA	8.54
2007	CA	Full-Service Providers	14.41	12.82	9.88	8.28	NA NA	12.89
2007	CO	Full-Service Providers	9.25	7.62	5.97	7.18	NA NA	7.76
2007	CT	Full-Service Providers	19.45	15.47	11.12	14.79	NA NA	17.06
2007	DC	Full-Service Providers	11.16	13.72	0.00	0.00	NA	12.53
2007	DE	Full-Service Providers	13.18	12.61	9.91	0.00	NA	12.51
2007	FL	Full-Service Providers	11.22	9.75	7.76	9.73	NA	10.33
2007	GA	Full-Service Providers	9.10	8.07	5.53	6.42	NA	7.86
2007	HI	Full-Service Providers	24.12	21.91	18.38	0.00	NA	21.29
2007	IA	Full-Service Providers	9.45	7.11	4.74	0.00	NA	6.83
2007	ID	Full-Service Providers	6.36	5.14	3.87	0.00	NA	5.07
2007	IL	Full-Service Providers	10.12	9.41	6.46	5.04	NA	9.57
2007	IN	Full-Service Providers	8.26	7.29	4.89	10.09		6.50
2007	KS	Full-Service Providers	8.19	6.83	5.13	0.00	NA NA	6.84
	KY		7.34	6.76	4.47	0.00	NA NA	5.84
2007		Full-Service Providers						
2007	LA	Full-Service Providers	9.37	9.13	6.77	13.91	NA	8.39
2007	MA	Full-Service Providers	16.11	15.71	11.61	9.90	NA	15.43
2007	MD	Full-Service Providers	11.87	12.78	9.82	0.00	NA	12.06
2007	ME	Full-Service Providers	13.07	11.86	10.63	0.00	NA	12.21
2007	MI	Full-Service Providers	10.21	8.73	6.57	9.76	NA	8.58
2007	MN	Full-Service Providers	9.18	7.48	5.69	8.27	NA	7.44
2007	MO	Full-Service Providers	7.69	6.34	4.76	6.16	NA	6.56
2007	MS	Full-Service Providers	9.36	8.92	5.75	0.00	NA	8.03
2007	MT	Full-Service Providers	8.77	8.18	5.24	0.00	NA	7.56
2007	NC	Full-Service Providers	9.40	7.43	5.47	9.09	NA	7.83
2007	ND	Full-Service Providers	7.30	6.58	5.24	0.00	NA NA	6.42
2007	NE	Full-Service Providers	7.59	6.39	4.78	0.00	NA NA	6.28
2007	NH	Full-Service Providers	14.88	14.03	11.92	0.00	NA	14.09
2007	NJ	Full-Service Providers	14.14	13.22	8.46	6.51	NA	13.19
2007	NM	Full-Service Providers	9.12	7.66	5.60	0.00	NA	7.44
2007	NV	Full-Service Providers	11.82	10.09	8.42	9.98	NA	10.10
2007	NY	Full-Service Providers	17.01	16.54	9.33	13.59	NA	16.16
2007	ОН	Full-Service Providers	9.54	8.59	5.73	9.98	NA	7.89
2007	OK	Full-Service Providers	8.58	7.33	5.41	0.00	NA	7.29
2007	OR	Full-Service Providers	8.19	7.18	4.83	6.71	NA	7.02
2007	PA	Full-Service Providers	10.90	9.18	6.90	7.68		9.12
2007	RI	Full-Service Providers	14.04	12.73	11.73	0.00		13.21
2007	SC	Full-Service Providers	9.19	7.74		0.00		7.18
2007	SD	Full-Service Providers	8.07	6.61	5.09	0.00		6.89
	TN		7.84	8.09			NA NA	
2007		Full-Service Providers						7.07
2007	TX	Full-Service Providers	12.34	9.87	7.79	8.40		10.11
2007	UT	Full-Service Providers	8.15	6.54	4.52	7.44		6.41
2007	VA	Full-Service Providers	8.74	6.38	5.07	6.73		7.12
2007	VT	Full-Service Providers	14.15	12.29		0.00		12.04
2007	WA	Full-Service Providers	7.26	6.55	4.38	5.74	NA	6.37
2007	WI	Full-Service Providers	10.87	8.71	6.16	0.00	NA	8.48
2007	WV	Full-Service Providers	6.73	5.85	3.95	6.42		5.34
2007	WY	Full-Service Providers	7.75	6.25		0.00		5.29
2007	US	Full-Service Providers	10.59	9.29		8.82		8.98
2007	CA	Restructured Retail Service Providers	19.92	12.78	10.50	8.49		11.79
2007	CT		15.40	15.25	14.35	13.25		14.98
		Restructured Retail Service Providers						
2007	DC	Restructured Retail Service Providers	13.41	11.49		11.32		11.41
2007	DE	Restructured Retail Service Providers	12.25	9.74	8.30	0.00		9.10
2007	IL	Restructured Retail Service Providers	0.00	7.48	6.63	6.50		6.94
2007	MA	Restructured Retail Service Providers	17.44	14.86		9.14		14.79
2007	MD	Restructured Retail Service Providers	12.75	10.99	9.34	10.15	NA	10.72
2007	ME	Restructured Retail Service Providers	16.59	12.95	14.14	0.00	NA	14.63

		nts/kilowatthour) by State by Provide	,					
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2007	MI	Restructured Retail Service Providers	0.00	9.56	5.17	0.00	NA	7.14
2007	MT	Restructured Retail Service Providers	7.14	5.82	5.04	0.00	NA	5.08
2007	NH	Restructured Retail Service Providers	16.07	13.34	13.12	0.00	NA	13.24
2007	NJ	Restructured Retail Service Providers	0.00	12.36	12.10	11.51	NA	12.27
2007	NV	Restructured Retail Service Providers	0.00	0.00	6.93	0.00	NA	6.93
2007	NY	Restructured Retail Service Providers	17.87	15.40	8.36	10.70	NA	13.91
2007	OH	Restructured Retail Service Providers	10.33	9.39	6.08	0.00	NA	8.17
2007	OR	Restructured Retail Service Providers	0.00	7.66	6.66	0.00	NA	6.92
2007	PA	Restructured Retail Service Providers	13.55	9.37	6.57	9.95	NA	8.52
2007	RI	Restructured Retail Service Providers	20.88	12.43	12.67	0.00	NA	12.54
2007	VA	Restructured Retail Service Providers	12.46	9.60	0.00	0.00	NA	10.70
2007	WA	Restructured Retail Service Providers	0.00	5.17	6.10	0.00	NA	6.10
2007	US	Restructured Retail Service Providers	15.80	12.35	8.37	10.11	NA	11.03
2007	CA	Energy-Only Providers	12.59	8.05	7.41	7.95	NA	7.82
2007	CT	Energy-Only Providers	11.42	10.36	10.93	10.75	NA	10.65
2007	DC	Energy-Only Providers	10.15	8.50	8.32	8.70	NA	8.51
2007	DE	Energy-Only Providers	10.92	8.79	7.94	0.00	NA	8.42
2007	IL	Energy-Only Providers	0.00	6.07	5.85	5.58	NA	5.93
2007	MA	Energy-Only Providers	10.67	10.32	10.65	8.48	NA	10.40
2007	MD	Energy-Only Providers	10.52	8.96	8.36	8.97	NA	8.89
2007	ME	Energy-Only Providers	9.55	8.24	12.13	0.00	NA	9.79
2007	MI	Energy-Only Providers	0.00	7.23	4.43	0.00	NA	5.68
2007	MT	Energy-Only Providers	3.57	3.69	4.50	0.00	NA	4.45
2007	NH	Energy-Only Providers	9.82	9.52	9.73	0.00	NA NA	9.62
2007	NJ	Energy-Only Providers	0.00	8.93	8.91	9.35	NA NA	8.93
2007	NV	Energy-Only Providers	0.00	0.00	6.73	0.00	NA NA	6.73
2007	NY	Energy-Only Providers	11.43	10.15	6.77	8.44	NA NA	9.47
2007	OH	Energy-Only Providers	5.31	5.11	4.08	0.00	NA NA	4.71
2007	OR	Energy-Only Providers	0.00	6.53	5.97	0.00	NA NA	6.12
2007	PA		8.39	7.17	5.87	7.22	NA NA	6.71
2007	RI	Energy-Only Providers	8.74	8.41	9.32	0.00	NA NA	8.72
2007	VA	Energy-Only Providers Energy-Only Providers	9.92	8.97	0.00	0.00	NA NA	9.34
		0, ,		4.27			NA NA	
2007	WA	Energy-Only Providers	0.00		5.67	0.00		5.67
2007	US	Energy-Only Providers	9.80	8.71	6.87	8.28	NA	8.09
2007	CA	Delivery-Only Service	7.33	4.73	3.09	0.54	NA	3.97
2007	CT	Delivery-Only Service	3.99	4.90	3.41	2.49	NA	4.33
2007	DC	Delivery-Only Service	3.26	2.99	1.00	2.62	NA	2.90
2007	DE	Delivery-Only Service	1.33	0.95	0.36	0.00	NA	0.68
2007	IL	Delivery-Only Service	0.00	1.41	0.79	0.92	NA	1.02
2007	MA	Delivery-Only Service	6.77	4.54	3.43	0.66	NA	4.40
2007	MD	Delivery-Only Service	2.24	2.03	0.98	1.18	NA	1.82
2007	ME	Delivery-Only Service	7.04	4.71	2.02	0.00	NA	4.83
2007	MI	Delivery-Only Service	0.00	2.34	0.75	0.00	NA	1.46
2007	MT	Delivery-Only Service	3.57	2.13	0.53	0.00	NA	0.63
2007	NH	Delivery-Only Service	6.25	3.82	3.39	0.00	NA	3.62
2007	NJ	Delivery-Only Service	0.00	3.43	3.19	2.16	NA	3.34
2007	NV	Delivery-Only Service	0.00	0.00	0.20	0.00	NA	0.20
2007	NY	Delivery-Only Service	6.45	5.25	1.58	2.26	NA	4.44
2007	ОН	Delivery-Only Service	5.02	4.29	2.00	0.00	NA	3.46
2007	OR	Delivery-Only Service	0.00	1.13	0.68	0.00	NA	0.80
2007	PA	Delivery-Only Service	5.15	2.20	0.71	2.72	NA	1.81
2007	RI	Delivery-Only Service	12.14	4.02	3.36	0.00	NA	3.82
2007	VA	Delivery-Only Service	2.53	0.63	0.00	0.00		1.36
2007	WA	Delivery-Only Service	0.00	0.90				0.42
2007	US	Delivery-Only Service	6.00	3.63	1.50	1.84	NA	2.95
2006	AK	Total Electric Industry	14.83	11.93	11.54	0.00		12.84
2006	AL	Total Electric Industry	8.75	8.18		0.00		7.07
2006	AR	Total Electric Industry	8.85	6.96	5.24	0.00	NA NA	6.99
2006	AZ	Total Electric Industry	9.40	8.02	5.69	0.00		8.24
2006	CA	Total Electric Industry	14.33	12.90	10.09	6.29		12.82
2006	CO	Total Electric Industry	9.02	7.50	5.88	7.78	NA NA	7.61
2006	CT	Total Electric Industry	16.86	14.03	11.71	14.55	NA NA	14.83
2006	DC	Total Electric Industry	9.88	14.03	17.43	14.55		14.83
2006	DE	Total Electric Industry	9.88	10.21	7.67	0.00	NA NA	10.13
2006	FL	Total Electric Industry	11.33	9.91	7.07	10.32	NA NA	10.13
		,	8.91			6.12	NA NA	
2006	GA	Total Electric Industry		7.81	5.38			7.63
2006	HI	Total Electric Industry	23.35	21.42		0.00		20.72
2006	IA	Total Electric Industry	9.63	7.29	4.92	7.05		7.01
2006	ID	Total Electric Industry	6.21	5.16	3.61	0.00	NA	4.92
2006	IL	Total Electric Industry	8.42	7.95	4.69	5.59		7.07
2006	IN	Total Electric Industry	8.22	7.21	4.95	9.66		6.46
2006	KS	Total Electric Industry	8.25	6.96	5.20	0.00	NA	6.89
2006	KY	Total Electric Industry	7.02	6.44	4.05	0.00	NA	5.43
2006	LA	Total Electric Industry	9.14	9.03	6.87	14.10		8.30
2006	MA	Total Electric Industry	16.60	15.54	13.04	10.68	NA	15.45
2006	MD	Total Electric Industry	9.71	10.56	8.14	8.43	NA	9.95

		nts/kilowatthour) by State by Provide				_		
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2006	ME	Total Electric Industry	13.80	12.42	8.83	0.00	NA	11.80
2006	MI	Total Electric Industry	9.77	8.51	6.05	10.06	NA NA	8.14
2006	MN	Total Electric Industry	8.70	7.02	5.29	7.95	NA	6.98
2006	MO	Total Electric Industry	7.44	6.08	4.58	5.75	NA NA	6.30
2006	MS	Total Electric Industry	9.66	9.37	5.94	0.00	NA	8.33
2006	MT	Total Electric Industry	8.28	7.44	5.12	0.00	NA NA	6.91
2006	NC	Total Electric Industry	9.12	7.17	5.23	3.23	NA	7.53
2006	ND	Total Electric Industry	7.14	6.30	5.00	0.00	NA	6.21
2006	NE	Total Electric Industry	7.41	6.19	4.56	0.00	NA	6.07
2006	NH	Total Electric Industry	14.68	14.07	11.62	0.00	NA NA	13.84
2006	NJ	Total Electric Industry	12.84	11.62	10.42	9.70	NA	11.88
2006	NM	Total Electric Industry	9.06	7.61	5.57	0.00	NA	7.37
2006	NV	Total Electric Industry	11.08	10.12	8.03	9.89	NA	9.63
2006	NY	Total Electric Industry	16.89	15.51	9.39	11.94	NA	15.27
2006	OH	Total Electric Industry	9.34	8.44	5.61	10.13	NA	7.71
2006	OK	Total Electric Industry	8.55	7.34	5.46	0.00	NA	7.30
2006	OR	Total Electric Industry	7.48	6.77	4.85	6.40	NA	6.53
2006	PA	Total Electric Industry	10.35	8.94	6.63	7.45	NA	8.68
2006	RI	Total Electric Industry	15.12	13.51	12.51	0.00	NA	13.98
2006	SC	Total Electric Industry	9.03	7.60	4.71	0.00	NA	6.98
2006	SD	Total Electric Industry	7.83	6.47	4.84	0.00	NA	6.70
2006	TN	Total Electric Industry	7.75	8.00	5.17	11.18	NA	6.97
2006	TX	Total Electric Industry	12.86	9.85	7.82	8.42	NA NA	10.34
2006	UT	Total Electric Industry	7.59	6.15	4.21	7.19	NA	5.99
2006	VA	Total Electric Industry	8.49	6.21	4.69	6.81	NA	6.86
2006	VT	Total Electric Industry	13.39	11.67	8.33	0.00	NA	11.37
2006	WA	Total Electric Industry	6.82	6.63	4.44	5.93	NA	6.14
2006	WI	Total Electric Industry	10.51	8.37	5.85	0.00	NA	8.13
2006	WV	Total Electric Industry	6.35	5.59	3.71	5.86	NA	5.04
2006	WY	Total Electric Industry	7.75	6.28	4.04	0.00	NA	5.27
2006	US	Total Electric Industry	10.40	9.46	6.16	9.54	NA	8.90
2006	AK	Full-Service Providers	14.83	11.93	11.54	0.00	NA	12.84
2006	AL	Full-Service Providers	8.75	8.18	4.90	0.00	NA	7.07
2006	AR	Full-Service Providers	8.85	6.96	5.24	0.00	NA	6.99
2006	AZ	Full-Service Providers	9.40	8.02	5.69	0.00	NA	8.24
2006	CA	Full-Service Providers	14.32	12.93	9.95	7.66	NA	12.92
2006	CO	Full-Service Providers	9.02	7.50	5.88	7.78	NA	7.61
2006	CT	Full-Service Providers	16.85	14.02	11.70	14.55	NA	14.85
2006	DC	Full-Service Providers	9.86	12.23	0.95	2.45	NA	12.13
2006	DE	Full-Service Providers	11.85	10.35	7.47	0.00	NA	10.52
2006	FL	Full-Service Providers	11.33	9.91	7.71	10.32	NA	10.45
2006	GA	Full-Service Providers	8.91	7.81	5.38	6.12	NA	7.63
2006	HI	Full-Service Providers	23.35	21.42	17.96	0.00	NA	20.72
2006	IA	Full-Service Providers	9.63	7.29	4.92	7.05	NA	7.01
2006	ID	Full-Service Providers	6.21	5.16	3.61	0.00	NA	4.92
2006	IL	Full-Service Providers	8.42	8.59	4.46	5.59	NA	7.38
2006	IN	Full-Service Providers	8.22	7.21	4.95	9.66	NA	6.46
2006	KS	Full-Service Providers	8.25	6.96	5.20	0.00	NA	6.89
2006	KY	Full-Service Providers	7.02	6.44	4.05	0.00	NA	5.43
2006	LA	Full-Service Providers	9.14	9.03	6.87	14.10	NA	8.30
2006	MA	Full-Service Providers	16.40	16.78	12.55	11.21	NA	16.06
2006	MD	Full-Service Providers	9.69	11.25	8.85	0.00	NA	10.18
2006	ME	Full-Service Providers	13.36	13.27	5.94	0.00		7.03
2006	MI	Full-Service Providers	9.77	8.42				8.17
2006	MN	Full-Service Providers	8.70	7.02	5.29	7.95		6.98
2006	MO	Full-Service Providers	7.44	6.08		5.75		6.30
2006	MS	Full-Service Providers	9.66	9.37	5.94	0.00		8.33
2006	MT	Full-Service Providers	8.28	7.45		0.00	NA	7.57
2006	NC	Full-Service Providers	9.12	7.17	5.23	3.23		7.53
2006	ND	Full-Service Providers	7.14	6.30	5.00	0.00		6.21
2006	NE	Full-Service Providers	7.41	6.19	4.56	0.00	NA	6.07
2006	NH	Full-Service Providers	14.68	14.37	11.28	0.00	NA	13.96
2006	NJ	Full-Service Providers	12.84	11.65		10.18		12.03
2006	NM	Full-Service Providers	9.06	7.61	5.57	0.00		7.37
2006	NV	Full-Service Providers	11.08	10.12	8.19	9.89	NA	9.75
2006	NY	Full-Service Providers	16.91	16.30	9.62	14.48	NA	16.08
2006	OH	Full-Service Providers	9.31	8.32	5.56	10.13		7.68
2006	OK	Full-Service Providers	8.55	7.34	5.46	0.00	NA	7.30
2006	OR	Full-Service Providers	7.48	6.73	4.70	6.40	NA	6.50
2006	PA	Full-Service Providers	10.31	8.94	6.67	7.47	NA	8.70
2006	RI	Full-Service Providers	15.12	13.76		0.00		14.24
2006	SC	Full-Service Providers	9.03	7.60	4.71	0.00	NA	6.98
2006	SD	Full-Service Providers	7.83	6.47	4.84	0.00	NA	6.70
2006	TN	Full-Service Providers	7.75	8.00	5.17	11.18	NA	6.97
2006	TX	Full-Service Providers	12.86	9.85	7.82	8.42	NA	10.34
2006	UT	Full-Service Providers	7.59	6.15	4.21	7.19	NA	5.99

		nts/kilowatthour) by State by Provide					•	
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2006	VA	Full-Service Providers	8.49	6.21	4.69	6.81	NA	6.86
2006	VT	Full-Service Providers	13.39	11.67	8.33	0.00	NA	11.37
2006	WA	Full-Service Providers	6.82	6.64	4.26	5.93		6.14
2006	WI	Full-Service Providers	10.51	8.37	5.85	0.00	NA	8.13
2006	WV	Full-Service Providers	6.35	5.59	3.71	5.86	NA	5.04
2006	WY	Full-Service Providers	7.75	6.28	4.04	0.00	NA	5.27
2006	US	Full-Service Providers	10.36	9.18	6.00	8.44		8.77
2006	CA	Restructured Retail Service Providers	18.35	12.58	10.70	4.37	NA	11.68
2006	CT	Restructured Retail Service Providers	16.99	14.08	11.83	0.00	NA	14.43
2006	DC	Restructured Retail Service Providers	10.57	10.11	8.29	10.03	NA	9.93
2006	DE	Restructured Retail Service Providers	13.22	9.80	7.90	0.00	NA	8.73
2006	IL	Restructured Retail Service Providers	0.00	6.15	5.23	0.00	NA	5.69
2006	MA	Restructured Retail Service Providers	19.25	14.45	13.42	10.59		14.43
2006	MD	Restructured Retail Service Providers	11.00	9.96	7.94	8.43	NA	9.50
2006	ME	Restructured Retail Service Providers	13.81	12.42	9.49	0.00	NA	12.15
2006	MI	Restructured Retail Service Providers	10.11	9.64	5.12	0.00	NA	7.46
2006	MT	Restructured Retail Service Providers	0.00	5.38	4.55	0.00		4.55
2006	NH	Restructured Retail Service Providers	0.00	12.39	13.30	0.00	NA	12.69
2006	NJ	Restructured Retail Service Providers	15.66	11.51	11.03	9.68	NA	11.27
2006	NV	Restructured Retail Service Providers	0.00	0.00	6.38	0.00	NA	6.38
2006	NY	Restructured Retail Service Providers	16.65	14.83	9.20	11.64	NA	13.99
2006	OH	Restructured Retail Service Providers	10.11	9.40	6.02	0.00	NA	8.09
2006	OR	Restructured Retail Service Providers	0.00	7.71	8.17	0.00	NA	7.95
2006	PA	Restructured Retail Service Providers	12.59	8.98	6.23	6.61	NA	8.23
2006	RI	Restructured Retail Service Providers	13.88	12.43	11.92	0.00	NA	12.26
2006	VA	Restructured Retail Service Providers	12.12	10.44	0.00	0.00	NA	11.10
2006	WA	Restructured Retail Service Providers	0.00	5.07	6.20	0.00	NA	6.16
2006	US	Restructured Retail Service Providers	14.43	11.99		10.32		10.87
2006	CA	Energy-Only Providers	10.57	7.66	7.17	3.82	NA	7.41
2006	CT	Energy-Only Providers	10.71	8.95	8.70	0.00	NA	9.39
2006	DC	Energy-Only Providers	8.23	7.22	7.34	7.58	NA	7.26
2006	DE	Energy-Only Providers	10.64	8.45	7.59	0.00	NA	7.97
2006	IL	Energy-Only Providers	0.00	4.60	4.35	0.00	NA	4.47
2006	MA	Energy-Only Providers	11.67	9.76	9.85	9.81	NA	9.91
2006	MD	Energy-Only Providers	8.55	8.12	6.99	7.18		7.86
2006	ME	Energy-Only Providers	6.82	7.71	7.50	0.00	NA	7.32
2006	MI	Energy-Only Providers	5.42	7.00	4.07	0.00	NA	5.58
2006	MT	Energy-Only Providers	0.00	3.31	4.02	0.00	NA	4.02
2006	NH	Energy-Only Providers	0.00	8.66	9.73	0.00	NA	9.02
2006	NJ	Energy-Only Providers	8.20	7.77	7.55	7.24	NA	7.67
2006	NV	Energy-Only Providers	0.00	0.00	6.15	0.00	NA	6.15
2006	NY	Energy-Only Providers	10.29	10.37	6.81	9.09	NA	9.79
2006	ОН	Energy-Only Providers	5.04	4.87	3.91	0.00	NA	4.49
2006	OR	Energy-Only Providers	0.00	6.88	7.61	0.00	NA	7.26
2006	PA	Energy-Only Providers	8.27	7.20	5.68	5.40	NA	6.70
2006	RI	Energy-Only Providers	8.21	8.15	8.36	0.00	NA	8.22
2006	VA	Energy-Only Providers	9.60	9.81	0.00	0.00	NA	9.73
2006	WA	Energy-Only Providers	0.00	4.14	5.66	0.00	NA	5.62
2006	US	Energy-Only Providers	8.23	8.36	6.25	8.24	NA NA	7.66
2006	CA	Delivery-Only Service	7.79	4.92	3.54	0.55	NA	4.27
2006	CT	Delivery-Only Service	6.28	5.14	3.14	0.00	NA	5.04
2006	DC	Delivery-Only Service	2.35	2.89	0.95	2.45	NA	2.67
2006	DE	Delivery-Only Service	2.58	1.35	0.31	0.00	NA	0.77
2006	IL	Delivery-Only Service	0.00	1.54				1.21
2006	MA	Delivery-Only Service	7.58	4.69	3.57	0.78	NA	4.52
2006	MD	Delivery-Only Service	2.45	1.84		1.25		1.64
2006	ME	Delivery-Only Service	6.99	4.71		0.00		4.82
2006	MI	Delivery-Only Service	4.69	2.65	1.05	0.00	NA	1.87
2006	MT	Delivery-Only Service	0.00	2.07	0.53	0.00	NA	0.53
2006	NH	Delivery-Only Service	0.00	3.73	3.56	0.00	NA	3.67
2006	NJ	Delivery-Only Service	7.47	3.74	3.49	2.44	NA	3.61
2006	NV	Delivery-Only Service	0.00	0.00	0.22	0.00	NA	0.22
2006	NY	Delivery-Only Service	6.37	4.47	2.38	2.55	NA	4.20
2006	ОН	Delivery-Only Service	5.07	4.53		0.00	NA	3.60
2006	OR	Delivery-Only Service	0.00	0.82	0.56	0.00	NA	0.69
2006	PA	Delivery-Only Service	4.32	1.78		1.21		1.54
2006	RI	Delivery-Only Service	5.67	4.28		0.00	NA	4.04
2006	VA	Delivery-Only Service	2.52	0.64	0.00	0.00	NA	1.37
2006	WA	Delivery-Only Service	0.00	0.93	0.54	0.00		0.55
2006	US	Delivery-Only Service	6.19	3.63				3.21
2005	AK	Total Electric Industry	13.30	11.56		0.00		11.72
2005	AL	Total Electric Industry	8.00	7.50	4.52	0.00		6.46
2005	AR	Total Electric Industry	8.00	6.18		0.00		6.30
2005	AZ	Total Electric Industry	8.86	7.40		0.00		7.79
2005	CA	Total Electric Industry	12.51	11.92		6.55		11.63
2005	CO	Total Electric Industry	9.06	7.62				7.64
_000	50	. Stat E. Courto Irradotty	3.00	1.02	5.74	3.01	INA	7.04

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2005	CT	Total Electric Industry	13.64	11.53	9.40	8.78	NA	12.06
2005	DC	Total Electric Industry	9.10	9.13	14.13	7.37	NA	9.18
2005	DE	Total Electric Industry	9.01	7.60	6.21	0.00	NA	7.76
2005	FL	Total Electric Industry	9.62	8.16	6.46	8.03	NA	8.76
2005	GA	Total Electric Industry	8.64	7.67	5.28	5.90	NA	7.43
2005	HI	Total Electric Industry	20.70	19.04	15.79	0.00	NA	18.33
2005	IA	Total Electric Industry	9.27	6.95	4.56	0.00	NA	6.69
2005	ID	Total Electric Industry	6.29	5.42	3.91	0.00	NA	5.12
2005	IL	Total Electric Industry	8.34	7.75	4.61	5.61	NA	6.95
2005	IN	Total Electric Industry	7.50	6.57	4.42	9.14	NA	5.88
2005	KS	Total Electric Industry	7.90	6.60	4.85	0.00	NA	6.55
2005	KY	Total Electric Industry	6.57	6.01	3.60	0.00	NA	5.01
2005	LA	Total Electric Industry	8.87	8.56	6.71	7.63	NA	8.03
2005	MA	Total Electric Industry	13.44	12.42	9.22	4.80	NA	12.18
2005	MD	Total Electric Industry	8.46	8.97	7.01	7.73	NA	8.13
2005	ME	Total Electric Industry	13.23	10.63	7.28	0.00	NA	10.57
2005	MI	Total Electric Industry	8.40	7.84	5.32	13.07	NA	7.23
2005	MN	Total Electric Industry	8.28	6.59	5.02	6.21	NA	6.61
2005	MO	Total Electric Industry	7.08	5.92	4.54	4.77	NA	6.13
2005	MS	Total Electric Industry	8.71	8.48	5.37	0.00	NA	7.54
2005	MT	Total Electric Industry	8.10	7.43	4.83	0.00	NA	6.72
2005	NC	Total Electric Industry	8.65	6.86	5.04	8.33	NA	7.19
2005	ND	Total Electric Industry	6.99	6.11	4.32	0.00	NA	5.92
2005	NE	Total Electric Industry	7.14	5.98	4.43	0.00	NA	5.87
2005	NH	Total Electric Industry	13.51	12.06	11.48	0.00	NA	12.53
2005	NJ	Total Electric Industry	11.74	10.61	9.76	7.65	NA	10.89
2005	NM	Total Electric Industry	9.13	7.81	5.61	0.00	NA	7.51
2005	NV	Total Electric Industry	10.20	9.48	7.71	9.34	NA	9.02
2005	NY	Total Electric Industry	15.72	14.36	8.23	11.39	NA	13.95
2005	OH	Total Electric Industry	8.51	7.93	5.10	9.03	NA	7.08
2005	OK	Total Electric Industry	7.95	7.00	5.11	0.00	NA	6.85
2005	OR	Total Electric Industry	7.25	6.51	4.83	6.36	NA	6.34
2005	PA	Total Electric Industry	9.86	8.50	6.29	7.22	NA	8.27
2005	RI	Total Electric Industry	13.04	11.71	10.01	0.00	NA	11.97
2005	SC	Total Electric Industry	8.67	7.39	4.55	0.00	NA	6.72
2005	SD	Total Electric Industry	7.77	6.20	4.95	0.00	NA	6.60
2005	TN	Total Electric Industry	6.98	7.17	4.73	11.46	NA	6.31
2005	TX	Total Electric Industry	10.93	8.85	7.14	8.45	NA	9.14
2005	UT	Total Electric Industry	7.52	6.07	4.24	7.20	NA	5.92
2005	VA	Total Electric Industry	8.16	6.05	4.46	6.81	NA	6.64
2005	VT	Total Electric Industry	12.96	11.33	7.77	0.00	NA	10.95
2005	WA	Total Electric Industry	6.54	6.33	4.27	6.44	NA	5.87
2005	WI	Total Electric Industry	9.66	7.67	5.39	0.00	NA	7.48
2005	WV	Total Electric Industry	6.21	5.53	3.85	6.08	NA	5.15
2005	WY	Total Electric Industry	7.48	6.17	3.99	0.00	NA	5.16
2005	US	Total Electric Industry	9.45	8.67	5.73	8.57	NA	8.14
2005	AK	Full-Service Providers	13.30	11.56	9.29	0.00	NA	11.72
2005	AL	Full-Service Providers	8.00	7.50	4.52	0.00	NA	6.46
2005	AR	Full-Service Providers	8.00	6.18	4.74	0.00	NA	6.30
2005	AZ	Full-Service Providers	8.86	7.40	5.85	0.00	NA	7.79
2005	CA	Full-Service Providers	12.49	11.97	9.39	8.11	NA	11.71
2005	CO	Full-Service Providers	9.06	7.62	5.74	5.01	NA	7.64
2005	CT	Full-Service Providers	13.64	11.52	9.42	8.78		12.06
2005	DC	Full-Service Providers	9.09	9.21				9.51
2005	DE	Full-Service Providers	9.01	7.60	6.46	0.00	NA	7.94
2005	FL	Full-Service Providers	9.62	8.16		8.03		8.76
2005	GA	Full-Service Providers	8.64	7.67	5.28	5.90		7.43
2005	HI	Full-Service Providers	20.70	19.04	15.79	0.00	NA	18.33
2005	IA	Full-Service Providers	9.27	6.95		0.00		6.69
2005	ID	Full-Service Providers	6.29	5.42		0.00		5.12
2005	IL	Full-Service Providers	8.34	8.41	4.60	5.61	NA	7.37
2005	IN	Full-Service Providers	7.50	6.57	4.42	9.14	NA	5.88
2005	KS	Full-Service Providers	7.90	6.60	4.85	0.00		6.55
2005	KY	Full-Service Providers	6.57	6.01	3.60	0.00		5.01
2005	LA	Full-Service Providers	8.87	8.56	6.71	7.63	NA	8.03
2005	MA	Full-Service Providers	13.25	13.10	9.00	4.05	NA	12.44
2005	MD	Full-Service Providers	8.44	9.19	6.72	0.00	NA	8.31
2005	ME	Full-Service Providers	9.20	8.33	4.80	0.00	NA	6.19
2005	MI	Full-Service Providers	8.40	7.87	5.33	13.07	NA	7.30
2005	MN	Full-Service Providers	8.28	6.59	5.02	6.21	NA	6.61
2005	MO	Full-Service Providers	7.08	5.92	4.54	4.77	NA	6.13
2005	MS	Full-Service Providers	8.71	8.48	5.37	0.00	NA	7.54
2005	MT	Full-Service Providers	8.10	7.43	5.44	0.00		7.33
2005	NC	Full-Service Providers	8.65	6.86		8.33		7.19
2005	ND	Full-Service Providers	6.99	6.11	4.32	0.00	NA	5.92
2005	NE	Full-Service Providers	7.14	5.98		0.00		5.87
						,		

		nts/kilowatthour) by State by Provide					•	
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2005	NH	Full-Service Providers	13.51	12.06	11.61	0.00	NA	12.56
2005	NJ	Full-Service Providers	11.74	10.54	8.81	3.31	NA	10.95
2005	NM	Full-Service Providers	9.13	7.81	5.61	0.00		7.51
2005	NV	Full-Service Providers	10.20	9.48	7.72	9.34	NA	9.03
2005	NY	Full-Service Providers	15.86	15.38	9.80	13.47	NA	15.18
2005	OH	Full-Service Providers	8.19	7.54	4.94	9.03	NA	6.78
2005	OK	Full-Service Providers	7.95	7.00	5.11	0.00	NA	6.85
2005	OR	Full-Service Providers	7.25	6.49	4.63	6.36	NA	6.32
2005	PA	Full-Service Providers	9.81	8.50	6.31	7.22	NA NA	8.29
2005	RI	Full-Service Providers	13.04	11.88	10.00	0.00	NA	12.12
2005	SC	Full-Service Providers	8.67	7.39	4.55	0.00	NA	6.72
2005	SD	Full-Service Providers	7.77	6.20	4.95	0.00	NA	6.60
2005	TN	Full-Service Providers	6.98	7.17	4.73	11.46		6.31
2005	TX	Full-Service Providers	10.93	8.85	7.14	8.45	NA	9.14
2005	UT	Full-Service Providers	7.52	6.07	4.24	7.20	NA	5.92
2005	VA	Full-Service Providers	8.16	6.05	4.46	6.81	NA	6.64
2005	VT	Full-Service Providers	12.96	11.33	7.77	0.00		10.95
2005	WA	Full-Service Providers	6.54	6.33	4.13	6.44	NA	5.87
2005	WI	Full-Service Providers	9.66	7.67	5.39	0.00	NA	7.48
2005	WV	Full-Service Providers	6.21	5.53	3.85	6.08	NA	5.15
2005	WY	Full-Service Providers	7.48	6.17	3.99	0.00	NA	5.16
2005	US	Full-Service Providers	9.40	8.46	5.61	7.45		8.05
2005	CA	Restructured Retail Service Providers	16.93	11.45	10.15	4.45	NA	10.82
2005	CT	Restructured Retail Service Providers	13.65	11.59	8.17	0.00	NA	12.24
2005	DC	Restructured Retail Service Providers	9.50	9.08	8.00	7.82	NA	8.96
2005	DE	Restructured Retail Service Providers	0.00	7.51	5.59	0.00	NA	5.59
2005	IL	Restructured Retail Service Providers	0.00	5.87	4.63	0.00	NA	5.20
2005	MA	Restructured Retail Service Providers	15.49	11.48	9.77	5.15		11.52
2005	MD	Restructured Retail Service Providers	9.43	8.50	7.23	7.73	NA	7.68
2005	ME	Restructured Retail Service Providers	13.31	10.65	7.45	0.00	NA	10.71
2005	MI	Restructured Retail Service Providers	9.66	7.71	5.26	0.00	NA	6.69
2005	MT	Restructured Retail Service Providers	0.00	5.33	4.42	0.00	NA	4.42
2005	NH	Restructured Retail Service Providers	0.00	11.85	8.79	0.00	NA	9.30
2005	NJ	Restructured Retail Service Providers	12.19	10.84	10.43	10.04	NA	10.66
2005	NV	Restructured Retail Service Providers	0.00	0.00	7.19	0.00	NA	7.19
2005	NY	Restructured Retail Service Providers	13.63	13.34	7.33	11.15		11.91
2005	OH	Restructured Retail Service Providers	10.43	9.32	6.02	0.00	NA	8.55
2005	OR	Restructured Retail Service Providers	0.00	6.95	6.92	0.00	NA	6.93
2005	PA	Restructured Retail Service Providers	11.85	8.50	6.08	7.26	NA	8.03
2005	RI	Restructured Retail Service Providers	0.00	10.99	10.04	0.00	NA	10.78
2005	VA	Restructured Retail Service Providers	10.03	11.56	0.00	0.00	NA	10.04
2005	WA	Restructured Retail Service Providers	0.00	4.92	5.64	0.00		5.62
2005	US	Restructured Retail Service Providers	12.26	10.60	7.08	9.47	NA	9.39
2005	CA	Energy-Only Providers	9.52	6.83	6.68	3.95	NA	6.75
2005	CT	Energy-Only Providers	7.44	6.57	5.46	0.00	NA	6.87
2005	DC	Energy-Only Providers	7.02	6.13	6.87	5.28		6.16
2005	DE	Energy-Only Providers	0.00	5.53	5.40	0.00	NA	5.40
2005	IL	Energy-Only Providers	0.00	4.21	3.74	0.00	NA	3.95
2005	MA	Energy-Only Providers	7.54	6.90	6.36	4.41	NA	6.84
2005	MD	Energy-Only Providers	6.26	6.39	6.07	6.54	NA	6.18
2005	ME	Energy-Only Providers	6.46	6.07	5.55	0.00	NA	6.06
2005	MI	Energy-Only Providers	6.44	5.78	4.37	0.00	NA	5.19
2005	MT	Energy-Only Providers	0.00	3.31	3.94	0.00		3.94
2005	NH	Energy-Only Providers	0.00	9.56				6.66
2005	NJ	Energy-Only Providers	7.93	7.14	6.98	7.06		7.07
2005	NV	Energy-Only Providers	0.00	0.00		0.00		6.68
2005	NY	Energy-Only Providers	9.12	9.73		8.66		8.78
2005	OH	Energy-Only Providers	5.07	4.69		0.00		4.42
2005	OR	Energy-Only Providers	0.00	5.64				6.02
2005	PA	Energy-Only Providers	7.02	6.41		6.05		6.04
2005	RI	Energy-Only Providers	0.00	6.44	6.28	0.00		6.41
2005	VA	Energy-Only Providers	7.55	7.48		0.00		7.55
2005	WA	Energy-Only Providers	0.00	4.03		0.00		5.17
2005	US	Energy-Only Providers	6.54	7.15		7.40		6.41
2005	CA	Delivery-Only Service	7.42	4.62		0.50		4.07
2005	CT	Delivery-Only Service	6.22	5.02		0.00		5.37
2005	DC	Delivery-Only Service	2.48	2.95	1.12	2.54	NA	2.80
2005	DE	Delivery-Only Service	0.00	1.98	0.19	0.00	NA	0.19
2005	IL	Delivery-Only Service	0.00	1.66	0.89	0.00	NA	1.25
2005	MA	Delivery-Only Service	7.94	4.58	3.41	0.74	NA	4.68
2005	MD	Delivery-Only Service	3.17	2.12	1.16	1.19	NA	1.50
2005	ME	Delivery-Only Service	6.85	4.58		0.00	NA	4.64
2005	MI	Delivery-Only Service	3.22	1.93		0.00		1.49
2005	MT	Delivery-Only Service	0.00	2.02		0.00		0.48
2005	NH	Delivery-Only Service	0.00	2.29		0.00		2.64
2005	NJ	Delivery-Only Service	4.26	3.71				3.59
		, , ,	20	0.71	5.40	2.00		0.00

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2005	NV	Delivery-Only Service	0.00	0.00	0.51	0.00	NA	0.51
2005	NY	Delivery-Only Service	4.51	3.60	1.49	2.49	NA	3.13
2005	OH	Delivery-Only Service	5.36	4.63	2.49	0.00	NA	4.13
2005	OR	Delivery-Only Service	0.00	1.31	0.76	0.00	NA	0.90
2005	PA	Delivery-Only Service	4.82	2.10	0.88	1.21	NA	1.99
2005	RI	Delivery-Only Service	0.00	4.55	3.75	0.00	NA	4.37
2005	VA	Delivery-Only Service	2.48	4.08	0.00	0.00	NA	2.49
2005	WA	Delivery-Only Service	0.00	0.89	0.43	0.00	NA	0.44
2005	US	Delivery-Only Service	5.72	3.45	1.77	2.07	NA	2.98
2004	AK	Total Electric Industry	12.44	10.99	8.33	0.00	NA	10.99
2004	AL	Total Electric Industry	7.62	7.12	4.15	0.00	NA	6.08
2004	AR	Total Electric Industry	7.36	5.64	4.16	0.00	NA	5.67
2004	AZ	Total Electric Industry	8.46	7.28	5.35	0.00	NA	7.45
2004	CA	Total Electric Industry	12.20	11.64	9.27	6.42	NA	11.35
2004	CO	Total Electric Industry	8.42	6.89	5.11	5.81	NA	6.95
2004	CT	Total Electric Industry	11.63	9.90	7.89	7.25	NA	10.26
2004	DC	Total Electric Industry	8.00	7.45	4.74	7.37	NA	7.47
2004	DE	Total Electric Industry	8.78	7.44	6.06	0.00	NA	7.53
2004	FL	Total Electric Industry	8.99	7.61	5.84	7.45	NA	8.16
2004	GA	Total Electric Industry	7.86	6.88	4.43	5.12	NA	6.58
2004	HI	Total Electric Industry	18.06	16.19	13.35	0.00	NA	15.70
2004	IA	Total Electric Industry	8.96	6.75	4.33	0.00	NA	6.40
2004	ID	Total Electric Industry	6.10	5.37	3.82	0.00	NA	4.97
2004	IL	Total Electric Industry	8.37	7.54	4.65	5.70	NA	6.80
2004	IN	Total Electric Industry	7.30	6.31	4.13	8.76	NA	5.58
2004	KS	Total Electric Industry	7.74	6.45	4.69	0.00	NA	6.37
2004	KY	Total Electric Industry	6.11	5.60	3.34	0.00	NA	4.63
2004	LA	Total Electric Industry	8.05	7.58	5.82	7.09	NA	7.13
2004	MA	Total Electric Industry	11.75	10.99	8.48	4.65	NA	10.77
2004	MD	Total Electric Industry	7.80	7.56	5.99	6.46	NA	7.15
2004	ME	Total Electric Industry	12.16	9.89	6.56	0.00	NA	9.69
2004	MI	Total Electric Industry	8.33	7.57	4.92	7.89	NA	6.94
2004	MN	Total Electric Industry	7.92	6.31	4.63	6.75	NA	6.24
2004	MO	Total Electric Industry	6.97	5.80	4.62	4.91	NA	6.07
2004	MS	Total Electric Industry	8.21	7.99	4.83	0.00	NA	7.00
2004	MT	Total Electric Industry	7.86	7.42	4.15	0.00	NA	6.40
2004	NC	Total Electric Industry	8.45	6.70	4.88	0.00	NA	6.97
2004	ND	Total Electric Industry	6.79	5.86	4.13	0.00	NA	5.69
2004	NE	Total Electric Industry	6.96	5.84	4.28	0.00	NA	5.70
2004	NH	Total Electric Industry	12.49	10.99	10.01	0.00	NA	11.37
2004	NJ	Total Electric Industry	11.23	9.96	9.03	10.94	NA	10.29
2004	NM	Total Electric Industry	8.67	7.39	5.22	0.00	NA	7.10
2004	NV	Total Electric Industry	9.69	9.08	7.24	0.00	NA	8.56
2004	NY	Total Electric Industry	14.54	12.98	7.04	7.92	NA	12.55
2004	ОН	Total Electric Industry	8.45	7.75	4.89	9.21	NA	6.89
2004	OK	Total Electric Industry	7.72	6.55	4.76	0.00	NA	6.50
2004	OR	Total Electric Industry	7.18	6.45	4.43	6.50	NA	6.21
2004	PA	Total Electric Industry	9.58	8.51	5.87	7.32	NA	8.00
2004	RI	Total Electric Industry	12.19	10.53	9.37	0.00	NA	10.96
2004	SC	Total Electric Industry	8.12	6.91	4.13	0.00	NA	6.22
2004	SD	Total Electric Industry	7.65	6.18	4.59	0.00	NA	6.44
2004	TN	Total Electric Industry	6.90	7.05	4.46	11.75	NA	6.14
2004	TX	Total Electric Industry	9.73	7.90	5.87	7.02		7.95
2004	UT	Total Electric Industry	7.21	5.90		6.57	NA	5.69
2004	VA	Total Electric Industry	7.99	5.88	4.27	6.25	NA	6.43
2004	VT	Total Electric Industry	12.94	11.42	7.96	0.00		11.02
2004	WA	Total Electric Industry	6.37	6.17	4.28	6.44		5.80
2004	WI	Total Electric Industry	9.07	7.24	4.93	0.00	NA	6.88
2004	WV	Total Electric Industry	6.23	5.46		5.70		5.13
2004	WY	Total Electric Industry	7.21	5.98	3.91	0.00		4.98
2004	US	Total Electric Industry	8.95	8.17	5.25	7.18	NA	7.61
2004	AK	Full-Service Providers	12.44	10.99	8.33	0.00	NA	10.99
2004	AL	Full-Service Providers	7.62	7.12	4.15			6.08
2004	AR	Full-Service Providers	7.36	5.64	4.16	0.00		5.67
2004	AZ	Full-Service Providers	8.46	7.28	5.35	0.00	NA	7.45
2004	CA	Full-Service Providers	12.20	11.81	9.33	8.03	NA	11.53
2004	CO	Full-Service Providers	8.42	6.89	5.11	5.81	NA	6.95
2004	CT	Full-Service Providers	11.63	9.90	7.90	7.25	NA	10.27
2004	DC	Full-Service Providers	7.97	7.40	4.63	0.00	NA	7.46
2004	DE	Full-Service Providers	8.78	7.44	5.82	0.00	NA	7.61
2004	FL	Full-Service Providers	8.99	7.61	5.84	7.45	NA	8.16
2004	GA	Full-Service Providers	7.86	6.88	4.43	5.12	NA	6.58
2004	HI	Full-Service Providers	18.06	16.19	13.35	0.00	NA	15.70
2004	IA	Full-Service Providers	8.96	6.75		0.00		6.40
2004	ID	Full-Service Providers	6.10	5.37	3.84	0.00	NA	4.98
2004	IL	Full-Service Providers	8.37	8.03		5.70		7.16
						J*		

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2004	IN	Full-Service Providers	7.30	6.31	4.13	8.76	NA	5.58
2004	KS	Full-Service Providers	7.74	6.45	4.69	0.00	NA	6.37
2004	KY	Full-Service Providers	6.11	5.60	3.34	0.00	NA	4.63
2004	LA	Full-Service Providers	8.05	7.58	5.82	7.09	NA	7.13
2004	MA	Full-Service Providers	11.72	11.57	8.47	3.86	NA	11.10
2004	MD	Full-Service Providers	7.78	7.62	5.60	7.42	NA	7.23
2004	ME	Full-Service Providers	8.41	5.79	4.85	0.00	NA	5.84
2004	MI	Full-Service Providers	8.33	7.66	4.86	7.89	NA	7.03
2004	MN	Full-Service Providers	7.92	6.31	4.63	6.75	NA	6.24
2004	MO	Full-Service Providers	6.97	5.80	4.62	4.91	NA	6.07
2004	MS	Full-Service Providers	8.21	7.99	4.83	0.00	NA	7.00
2004	MT	Full-Service Providers	7.86	7.57	4.54	0.00	NA	7.04
2004	NC	Full-Service Providers	8.45	6.70	4.88	0.00	NA	6.97
2004	ND	Full-Service Providers	6.79	5.86	4.13	0.00	NA	5.69
2004	NE	Full-Service Providers	6.96	5.84	4.28	0.00	NA	5.70
2004	NH	Full-Service Providers	12.49	11.02	10.10	0.00	NA	11.41
2004	NJ	Full-Service Providers	11.25	10.20	9.00	25.28	NA	10.62
2004	NM	Full-Service Providers	8.67	7.39	5.22	0.00	NA	7.10
2004	NV	Full-Service Providers	9.69	9.08	7.24	0.00	NA	8.56
2004	NY	Full-Service Providers	14.60	13.49	8.28	11.75	NA	13.54
2004	OH	Full-Service Providers	8.14	7.34	4.72	9.21	NA	6.60
2004	OK	Full-Service Providers	7.72	6.55	4.76	0.00	NA	6.50
2004	OR	Full-Service Providers	7.18	6.49	4.41	6.50	NA	6.22
2004	PA	Full-Service Providers	9.38	8.56	5.88	7.26	NA	7.91
2004	RI	Full-Service Providers	12.19	10.69	9.80	0.00	NA	11.21
2004	SC	Full-Service Providers	8.12	6.91	4.13	0.00	NA	6.22
2004	SD	Full-Service Providers	7.65	6.18	4.59	0.00	NA	6.44
2004	TN	Full-Service Providers	6.90	7.05	4.46	11.75		6.14
2004	TX	Full-Service Providers	9.73	7.90	5.87	7.02	NA	7.95
2004	UT	Full-Service Providers	7.21	5.90	4.01	6.57	NA	5.69
2004	VA	Full-Service Providers	7.99	5.88	4.27	6.25	NA	6.43
2004	VT	Full-Service Providers	12.94	11.42	7.96	0.00	NA	11.02
2004	WA	Full-Service Providers	6.37	6.17	4.28	6.44	NA	5.80
2004	WI	Full-Service Providers	9.07	7.24	4.93	0.00	NA	6.88
2004	WV	Full-Service Providers	6.23	5.46	3.83	5.70	NA	5.13
2004	WY	Full-Service Providers	7.21	5.98	3.91	0.00	NA	4.98
2004	US	Full-Service Providers	8.91	8.02	5.14	7.47	NA	7.55
2004	CA	Restructured Retail Service Providers	12.55	10.21	9.08	4.09	NA	9.62
2004	CT	Restructured Retail Service Providers	11.56	9.69	7.45	0.00	NA	9.89
2004	DC	Restructured Retail Service Providers	8.28	7.55	4.87	7.37	NA	7.48
2004	DE	Restructured Retail Service Providers	0.00	7.14	6.62	0.00	NA	6.62
2004	ID	Restructured Retail Service Providers	0.00	0.00	0.01	0.00	NA	0.01
2004	IL	Restructured Retail Service Providers	0.00	5.96	4.81	0.00	NA	5.29
2004	MA	Restructured Retail Service Providers	13.12	9.91	8.52	5.03	NA	9.61
2004	MD	Restructured Retail Service Providers	8.75	7.32	6.55	6.41	NA	6.87
2004	ME	Restructured Retail Service Providers	12.23	10.21	6.66	0.00	NA	9.88
2004	MI	Restructured Retail Service Providers	9.62	7.22	5.22	0.00	NA	6.35
2004	MT	Restructured Retail Service Providers	0.00	6.05	3.81	0.00	NA	4.15
2004	NH	Restructured Retail Service Providers	0.00	8.41	7.33	0.00	NA	7.70
2004	NJ	Restructured Retail Service Providers	10.31	9.33	9.05	9.11	NA	9.24
2004	NV	Restructured Retail Service Providers	0.00	0.00	2.34	0.00	NA	2.34
2004	NY	Restructured Retail Service Providers	13.44	12.30	6.15	7.42	NA	10.60
2004	OH	Restructured Retail Service Providers	10.29	9.06	5.72	0.00		8.20
2004	OR	Restructured Retail Service Providers	0.00	5.53				5.48
2004	PA	Restructured Retail Service Providers	12.61	8.27	5.81	9.05		8.97
2004	RI	Restructured Retail Service Providers	10.15	9.46		0.00		8.93
2004	VA	Restructured Retail Service Providers	10.76	15.11	0.00	0.00		10.78
2004	WA	Restructured Retail Service Providers	0.00	1,600.00	4.64	0.00		4.64
2004	US	Restructured Retail Service Providers	11.51	9.61	6.50			8.55
2004	CA	Energy-Only Providers	6.88	5.90	5.95	3.59		5.90
2004	CT	Energy-Only Providers	6.22	5.24	4.63	0.00	NA	5.46
2004	DC	Energy-Only Providers	5.67	4.54	3.64	4.80		4.59
2004	DE	Energy-Only Providers	0.00	5.10		0.00		6.43
2004	IL	Energy-Only Providers	0.00	4.15		0.00		3.89
2004	MA	Energy-Only Providers	5.88	5.63	5.27	4.35		5.53
2004	MD	Energy-Only Providers	5.59	4.93	5.45	5.26		5.31
2004	ME	Energy-Only Providers	5.01	5.43	4.83	0.00	NA	5.10
2004	MI	Energy-Only Providers	6.49	5.42	4.24	0.00		4.91
2004	MT	Energy-Only Providers	0.00	4.16	3.35	0.00	NA	3.47
2004	NH	Energy-Only Providers	0.00	6.17	5.00	0.00		5.40
2004	NJ	Energy-Only Providers	5.79	5.58	5.54	6.84	NA	5.59
2004	NY	Energy-Only Providers	7.32	8.20	4.51	5.04	NA	7.09
2004	ОН	Energy-Only Providers	4.74	4.41	3.24	0.00	NA	4.08
2004	OR	Energy-Only Providers	0.00	4.43	4.42	0.00	NA	4.43
2004	PA	Energy-Only Providers	6.18	5.58	4.65	5.88	NA	5.58
2004	RI	Energy-Only Providers	5.38	5.38		0.00	NA	5.35
		· ·						

		nts/kilowatthour) by State by Provide	_					
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2004	VA	Energy-Only Providers	6.44	6.47	0.00	0.00	NA	6.44
2004	WA	Energy-Only Providers	0.00	1,600.00	4.27	0.00	NA	4.28
2004	US	Energy-Only Providers	5.50	6.02		4.99	NA	5.42
2004	CA	Delivery-Only Service	5.66	4.31	3.14	0.50	NA	3.72
2004	CT	Delivery-Only Service	5.34	4.45	2.82	0.00	NA	4.42
2004	DC	Delivery-Only Service	2.61	3.01	1.23	2.57	NA	2.89
2004	DE	Delivery-Only Service	0.00	2.04	0.19	0.00	NA	0.19
2004	ID	Delivery-Only Service	0.00	0.00	0.01	0.00	NA	0.01
2004	IL	Delivery-Only Service	0.00	1.81	1.11	0.00	NA	1.40
2004	MA	Delivery-Only Service	7.24	4.28	3.25	0.67	NA	4.08
2004	MD	Delivery-Only Service	3.16	2.40	1.10	1.15	NA	1.57
2004	ME	Delivery-Only Service	7.22	4.78	1.83	0.00	NA	4.78
2004	MI	Delivery-Only Service	3.13	1.80	0.98	0.00	NA	1.44
2004	MT	Delivery-Only Service	0.00	1.89	0.46	0.00	NA	0.68
2004	NH	Delivery-Only Service	0.00	2.24	2.33	0.00	NA	2.30
2004	NJ	Delivery-Only Service	4.52	3.75	3.51	2.26	NA	3.65
2004	NV	Delivery-Only Service	0.00	0.00	2.34	0.00	NA	2.34
2004	NY	Delivery-Only Service	6.12	4.10	1.64	2.38	NA	3.51
2004	OH	Delivery-Only Service	5.55	4.65	2.47	0.00	NA	4.12
2004	OR	Delivery-Only Service	0.00	1.10	0.86	0.00	NA	1.05
2004	PA	Delivery-Only Service	6.44	2.69	1.17	3.18	NA	3.38
2004	RI	Delivery-Only Service	4.77	4.08	2.89	0.00	NA	3.57
2004	VA	Delivery-Only Service	4.32	8.63	0.00	0.00	NA	4.35
2004	WA	Delivery-Only Service	0.00	0.00	0.37	0.00	NA	0.37
2004	US	Delivery-Only Service	6.00	3.59	1.90	1.96	NA	3.13
2003	AK	Total Electric Industry	11.98	10.49	7.86	0.00	NA	10.50
2003	AL	Total Electric Industry	7.39	6.85	3.98	0.00	NA	5.88
2003	AR	Total Electric Industry	7.24	5.54	4.04	0.00	NA	5.57
2003	AZ	Total Electric Industry	8.35	7.09	5.37	0.00	NA	7.34
2003	CA	Total Electric Industry	12.23	12.48	9.59	5.80	NA	11.78
2003	CO	Total Electric Industry	8.14	6.60	5.10	7.32	NA	6.77
2003	CT	Total Electric Industry	11.31	9.93	7.99	7.72	NA	10.16
2003	DC	Total Electric Industry	7.84	7.35	5.57	7.64	NA	7.40
2003	DE	Total Electric Industry	8.59	7.31	5.15	0.00	NA	6.96
2003	FL	Total Electric Industry	8.55	7.13	5.41	7.21	NA	7.72
2003	GA	Total Electric Industry	7.70	6.66	4.02	4.81	NA	6.32
2003	HI	Total Electric Industry	16.73	15.02	12.20	0.00	NA	14.47
2003	IA	Total Electric Industry	8.57	6.24	4.16	0.00	NA	6.11
2003	ID	Total Electric Industry	6.24	5.56	4.16	0.00	NA	5.22
2003	IL	Total Electric Industry	8.38	7.30	4.86	5.87	NA	6.86
2003	IN	Total Electric Industry	7.04	6.12	3.92	8.36	NA	5.37
2003	KS	Total Electric Industry	7.71	6.42	4.61	0.00	NA	6.35
2003	KY	Total Electric Industry	5.81	5.37	3.21	0.00	NA	4.42
2003	LA	Total Electric Industry	7.84	7.42	5.57	7.32	NA	6.93
2003	MA	Total Electric Industry	11.60	10.48	8.93	4.09	NA	10.56
2003	MD	Total Electric Industry	7.73	6.95	4.89	5.78	NA	6.45
2003	ME	Total Electric Industry	12.37	10.34	6.35	0.00	NA	9.79
2003	MI	Total Electric Industry	8.35	7.55	4.96	8.21	NA	6.85
2003	MN	Total Electric Industry	7.65	6.12	4.36	0.00	NA	6.01
2003	MO	Total Electric Industry	6.96	5.78	4.49	0.00	NA	6.02
2003	MS	Total Electric Industry	7.60	7.25	4.48	0.00	NA	6.46
2003	MT	Total Electric Industry	7.56	6.85	4.03	0.00	NA	6.14
2003	NC	Total Electric Industry	8.32	6.65		0.00		6.86
2003	ND	Total Electric Industry	6.49	5.64				5.47
2003	NE	Total Electric Industry	6.87	5.81	4.18	0.00	NA	5.64
2003	NH	Total Electric Industry	11.98	10.30		0.00		10.83
2003	NJ	Total Electric Industry	10.67	9.11		7.15		9.48
2003	NM	Total Electric Industry	8.69	7.36		0.00	NA	7.00
2003	NV	Total Electric Industry	9.02	8.79		0.00		8.29
2003	NY	Total Electric Industry	14.31	12.93		9.38		12.44
2003	OH	Total Electric Industry	8.26	7.55		6.17	NA	6.73
2003	OK	Total Electric Industry	7.47	6.38	4.59	0.00	NA	6.35
2003	OR	Total Electric Industry	7.06	6.38		6.68		6.18
2003	PA	Total Electric Industry	9.59	8.62	5.80	7.78		8.02
2003	RI	Total Electric Industry	11.61	10.09	8.88	0.00	NA	10.47
2003	SC	Total Electric Industry	8.01	6.81	4.00	0.00	NA	6.08
2003	SD	Total Electric Industry	7.47	6.04		0.00		6.35
2003	TN	Total Electric Industry	6.55	6.68	4.29	0.00	NA	5.84
2003	TX	Total Electric Industry	9.16	7.84	5.27	6.62	NA	7.50
2003	UT	Total Electric Industry	6.90	5.59		6.01	NA	5.41
2003	VA	Total Electric Industry	7.76	5.74	4.23	5.46	NA	6.27
2003	VT	Total Electric Industry	12.82	11.29	8.05	0.00	NA	10.98
2003	WA	Total Electric Industry	6.31	6.07	4.76	6.45	NA	5.86
2003	WI	Total Electric Industry	8.67	6.97	4.71	0.00	NA	6.64
2003	WV	Total Electric Industry	6.24	5.45	3.81	0.00	NA	5.13
2003	WY	Total Electric Industry	7.04	5.74	3.65	0.00	NA	4.76

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2003	US AK	Total Electric Industry	8.72 11.98	8.03 10.49	5.11 7.86	7.54	NA NA	7.44 10.50
2003	AL	Full-Service Providers Full-Service Providers	7.39	6.85	3.98	0.00	NA NA	5.88
2003	AR	Full-Service Providers	7.24	5.54	4.04	0.00	NA NA	5.57
2003	AZ	Full-Service Providers	8.35	7.09	5.37	0.00	NA NA	7.34
2003	CA	Full-Service Providers	12.23	12.83	9.79	7.38	NA	12.05
2003	CO	Full-Service Providers	8.14	6.60	5.10	7.32	NA	6.77
2003	CT	Full-Service Providers	11.34	9.93	8.01	7.72	NA	10.18
2003	DC	Full-Service Providers	7.85	7.52	5.86	0.00	NA	7.58
2003	DE	Full-Service Providers	8.59	7.32	5.61	0.00	NA	7.43
2003	FL	Full-Service Providers	8.55	7.13	5.41	7.21	NA	7.72
2003	GA	Full-Service Providers	7.70	6.66	4.02	4.81	NA	6.32
2003	HI	Full-Service Providers	16.73	15.02	12.20	0.00	NA	14.47
2003	IA	Full-Service Providers	8.57	6.24	4.16	0.00	NA	6.11
2003	ID IL	Full-Service Providers Full-Service Providers	6.24 8.38	5.56 7.35	4.16 4.74	0.00 5.87	NA NA	5.22 7.07
2003	IN	Full-Service Providers	7.04	6.12	3.92	8.36	NA NA	5.37
2003	KS	Full-Service Providers	7.71	6.42	4.61	0.00	NA NA	6.35
2003	KY	Full-Service Providers	5.81	5.37	3.21	0.00	NA NA	4.42
2003	LA	Full-Service Providers	7.84	7.42	5.57	7.32	NA	6.93
2003	MA	Full-Service Providers	11.55	10.78	9.26	4.09	NA	10.82
2003	MD	Full-Service Providers	7.72	7.10	4.40	5.31	NA	6.46
2003	ME	Full-Service Providers	8.66	7.45	4.03	0.00	NA	4.70
2003	MI	Full-Service Providers	8.35	7.59	4.98	8.21	NA	7.04
2003	MN	Full-Service Providers	7.65	6.12	4.36	0.00	NA	6.01
2003	MO	Full-Service Providers	6.96	5.78	4.49	0.00	NA	6.02
2003	MS	Full-Service Providers	7.60	7.25	4.48	0.00	NA	6.46
2003	MT NC	Full-Service Providers	7.56 8.32	6.99 6.65	4.29 4.79	0.00	NA NA	6.65 6.86
2003	ND ND	Full-Service Providers Full-Service Providers	6.49	5.64	3.96	0.00	NA NA	5.47
2003	NE	Full-Service Providers Full-Service Providers	6.49	5.04	3.96 4.18	0.00	NA NA	5.47
2003	NH	Full-Service Providers	11.98	10.31	9.91	0.00	NA NA	10.88
2003	NJ	Full-Service Providers	10.68	9.13	7.77	7.15	NA NA	9.56
2003	NM	Full-Service Providers	8.69	7.36	4.95	0.00	NA	7.00
2003	NV	Full-Service Providers	9.02	8.79	7.30	0.00	NA	8.29
2003	NY	Full-Service Providers	14.28	13.17	8.79	9.96	NA	13.21
2003	ОН	Full-Service Providers	7.95	7.16	4.63	6.17	NA	6.45
2003	OK	Full-Service Providers	7.47	6.38	4.59	0.00	NA	6.35
2003	OR	Full-Service Providers	7.06	6.38	4.63	6.68	NA	6.18
2003	PA	Full-Service Providers	9.50	8.70	5.81	7.64	NA	7.99
2003	RI	Full-Service Providers	11.61	10.19	9.14	0.00	NA	10.64
2003	SC	Full-Service Providers	8.01	6.81	4.00	0.00	NA	6.08
2003	SD TN	Full-Service Providers	7.47	6.04	4.51	0.00	NA NA	6.35 5.84
2003	TX	Full-Service Providers Full-Service Providers	6.55 9.16	7.84	4.29 5.27	6.62	NA NA	7.50
2003	UT	Full-Service Providers	6.90	5.59	3.79	6.01	NA NA	5.41
2003	VA	Full-Service Providers	7.76	5.74	4.23	5.46	NA NA	6.27
2003	VT	Full-Service Providers	12.82	11.29	8.05	0.00	NA	10.98
2003	WA	Full-Service Providers	6.31	6.06	4.25	6.45	NA	5.78
2003	WI	Full-Service Providers	8.67	6.97	4.71	0.00	NA	6.64
2003	WV	Full-Service Providers	6.24	5.45	3.81	0.00	NA	5.13
2003	WY	Full-Service Providers	7.04	5.74	3.65	0.00	NA	4.76
2003	US	Full-Service Providers	8.68	7.89		6.82		7.38
2003	CA	Restructured Retail Service Providers	12.84	9.66				9.27
2003	CT	Restructured Retail Service Providers	10.38	9.71	7.33	0.00	NA	9.44
2003	DC	Restructured Retail Service Providers	7.79 0.00	7.20 4.66		7.64 0.00		7.19 4.62
2003	DE IL	Restructured Retail Service Providers Restructured Retail Service Providers	0.00	7.00	4.62 5.11	0.00	NA NA	5.75
2003	MA	Restructured Retail Service Providers	13.91	9.56				9.31
2003	MD	Restructured Retail Service Providers	7.87	6.33		5.88		6.40
2003	ME	Restructured Retail Service Providers	12.44	10.37	6.83	0.00	NA NA	10.14
2003	MI	Restructured Retail Service Providers	0.00	5.96	4.91	0.00		5.00
2003	MT	Restructured Retail Service Providers	4.95	5.47	3.77	0.00		4.06
2003	NH	Restructured Retail Service Providers	0.00	7.35		0.00		6.99
2003	NJ	Restructured Retail Service Providers	10.48	8.82	8.50	0.00	NA	8.75
2003	NY	Restructured Retail Service Providers	14.81	12.52	5.68	9.31	NA	10.67
2003	ОН	Restructured Retail Service Providers	10.31	8.97	5.65	0.00		8.17
2003	PA	Restructured Retail Service Providers	11.47	8.23	5.70	9.42		8.32
2003	RI	Restructured Retail Service Providers	0.00	9.36	8.02	0.00	NA	8.78
2003	VA	Restructured Retail Service Providers	9.85	0.00		0.00		9.85
2003	WA	Restructured Retail Service Providers	0.00	9.48		0.00		9.04
2003 2003	CA CA	Restructured Retail Service Providers	11.54 7.41	9.82 5.76	6.26 6.18	8.23 3.47	NA NA	8.44 5.04
2003	CT	Energy-Only Providers Energy-Only Providers	7.41 5.20	5.76		0.00		5.94 4.91
2003	DC	Energy-Only Providers Energy-Only Providers	5.20	4.21	4.23	5.08		4.91
2003	DE	Energy-Only Providers Energy-Only Providers	0.00	4.21		0.00		4.41
2000	J_	E.io.gy Omy i rovidora	0.00	4.02	4.41	0.00	IVA	4.41

		nts/kilowatthour) by State by Provide		Commonsial	la di catalal	Tanana a satati a sa	Other	Tatal
Year 2003	State	Industry Sector Category Energy-Only Providers	Residential 0.00	Commercial 4.70	Industrial 3.67	Transportation 0.00	Other NA	Total 4.02
2003	MA	Energy-Only Providers	6.19	5.16	4.80	0.00	NA NA	5.09
2003	MD	Energy-Only Providers	4.74	4.21	4.67	4.62	NA NA	4.55
2003	ME	Energy-Only Providers	5.01	5.33	4.49	0.00	NA	4.98
2003	MI	Energy-Only Providers	0.00	5.18	4.43	0.00	NA	4.50
2003	MT	Energy-Only Providers	2.30	3.66	3.48	0.00	NA	3.51
2003	NH	Energy-Only Providers	0.00	4.95	4.52	0.00	NA	4.55
2003	NJ	Energy-Only Providers	5.90	5.35	5.14	0.00	NA	5.27
2003	NY	Energy-Only Providers	7.98	8.22	3.99	6.93	NA	7.02
2003	OH	Energy-Only Providers	4.48	4.28	3.01	0.00	NA	3.89
2003	PA	Energy-Only Providers	5.97	5.45	4.51	6.84	NA	5.37
2003	RI	Energy-Only Providers	0.00	4.89	4.81	0.00	NA	4.86
2003	VA	Energy-Only Providers	5.50	0.00	0.00	0.00	NA	5.50
2003	WA	Energy-Only Providers	0.00	8.47	8.47	0.00	NA	8.47
2003	US	Energy-Only Providers	5.43	6.02	4.47	6.16	NA NA	5.30
2003	CA	Delivery-Only Service	5.43	3.90 4.66	2.72	0.47	NA NA	3.33 4.53
2003	CT DC	Delivery-Only Service	5.19 2.60	2.99	3.11 1.10	2.56	NA NA	
2003	DE	Delivery Only Service	0.00	2.99	0.21	0.00	NA NA	2.88 0.21
2003	IL	Delivery-Only Service Delivery-Only Service	0.00	2.30	1.44	0.00	NA NA	1.73
2003	MA	Delivery-Only Service	7.72	4.40	3.35	0.00	NA NA	4.22
2003	MD	Delivery-Only Service	3.13	2.11	1.61	1.26	NA NA	1.85
2003	ME	Delivery-Only Service	7.43	5.04	2.34	0.00	NA NA	5.16
2003	MI	Delivery-Only Service	0.00	0.78	0.48	0.00	NA NA	0.51
2003	MT	Delivery-Only Service	2.65	1.81	0.30	0.00	NA NA	0.55
2003	NH	Delivery-Only Service	0.00	2.40	2.44	0.00	NA NA	2.44
2003	NJ	Delivery-Only Service	4.58	3.47	3.36	0.00	NA NA	3.48
2003	NY	Delivery-Only Service	6.82	4.30	1.69	2.37	NA	3.65
2003	ОН	Delivery-Only Service	5.83	4.69	2.64	0.00	NA	4.28
2003	PA	Delivery-Only Service	5.50	2.78	1.18	2.58	NA	2.95
2003	RI	Delivery-Only Service	0.00	4.47	3.21	0.00	NA	3.92
2003	VA	Delivery-Only Service	4.35	0.00	0.00	0.00	NA	4.35
2003	WA	Delivery-Only Service	0.00	1.01	0.56	0.00	NA	0.57
2003	US	Delivery-Only Service	6.11	3.80	1.80	2.07	NA	3.13
2002	AK	Total Electric Industry	12.05	10.13	7.65	NA	14.04	10.46
2002	AL	Total Electric Industry	7.12	6.63	3.82	NA	7.46	5.71
2002	AR	Total Electric Industry	7.25	5.68	4.01	NA	6.52	5.61
2002	AZ	Total Electric Industry	8.27	7.28	5.20	NA	4.56	7.21
2002	CA	Total Electric Industry	12.64	13.36	9.81	NA	6.60	12.19
2002	CO	Total Electric Industry	7.37	5.67	4.52	NA	6.64	6.00
2002	CT	Total Electric Industry	10.96	9.32	7.68	NA	10.35	9.71
2002	DC	Total Electric Industry	7.98	7.32	4.95	NA	6.59	7.34
2002	DE	Total Electric Industry	8.70	7.15	4.85	NA	14.13	6.91
2002	FL	Total Electric Industry	8.16	6.64	5.23	NA	7.43	7.31
2002	GA HI	Total Electric Industry	7.63 15.63	6.46	3.95 11.02	NA NA	8.31 16.85	6.24 13.39
2002	IA	Total Electric Industry Total Electric Industry	8.35	14.11 6.56	4.06	NA NA	4.92	6.01
2002	ID	Total Electric Industry	6.59	5.71	4.34	NA NA	5.18	5.58
2002	IL	Total Electric Industry	8.39	7.52	4.89	NA NA	5.88	6.94
2002	IN	Total Electric Industry	6.91	5.98	3.95	NA NA	9.75	5.34
2002	KS	Total Electric Industry	7.67	6.28	4.53	NA NA	9.30	6.31
2002	KY	Total Electric Industry	5.65	5.30	3.09	NA	4.61	4.26
2002	LA	Total Electric Industry	7.10	6.64	4.42	NA NA	7.05	5.99
2002	MA	Total Electric Industry	10.93	10.02	8.34	NA	13.11	10.06
2002	MD	Total Electric Industry	7.74	6.31	4.01	NA	9.42	6.18
2002	ME	Total Electric Industry	12.74	10.68	7.05	NA	23.39	10.35
2002	MI	Total Electric Industry	8.28	7.79	5.02	NA	10.43	7.09
2002	MN	Total Electric Industry	7.49	5.88		NA	7.36	5.80
2002	MO	Total Electric Industry	7.06	5.88	4.42	NA	6.20	6.09
2002	MS	Total Electric Industry	7.28	6.83	4.40	NA	8.76	6.24
2002	MT	Total Electric Industry	7.23	6.28	3.71	NA	7.04	5.70
2002	NC	Total Electric Industry	8.19	6.51	4.70	NA	6.70	6.74
2002	ND	Total Electric Industry	6.39	5.85	3.98	NA	3.68	5.45
2002	NE	Total Electric Industry	6.73	5.62	3.89	NA	6.37	5.55
2002	NH	Total Electric Industry	11.89	10.06	9.09	NA	12.84	10.60
2002	NJ	Total Electric Industry	10.38	8.90	7.72	NA	14.81	9.30
2002	NM	Total Electric Industry	8.50	7.22	4.48	NA	6.23	6.73
2002	NV	Total Electric Industry	9.43	9.06	7.25	NA	6.54	8.42
2002	NY	Total Electric Industry	13.55	12.33	5.18	NA	8.68	11.16
2002	OH	Total Electric Industry	8.24	7.81	4.87	NA NA	5.42	6.77
2002	OK OR	Total Electric Industry	6.73	5.75 6.59	3.81	NA NA	5.06	5.59
2002	OR PA	Total Electric Industry Total Electric Industry	7.12 9.74	6.59 8.50	4.72 5.83	NA NA	9.44 11.59	6.32 8.06
2002	RI	Total Electric Industry Total Electric Industry	10.20	8.50		NA NA	11.59	9.20
2002	SC	Total Electric Industry Total Electric Industry	7.72	6.48		NA NA	6.44	5.83
2002	SD	Total Electric Industry Total Electric Industry	7.40	6.24		NA NA	3.63	
2002	OD	rotar Lieutiu iliuusti y	7.40	0.24	4.54	INA	3.03	0.20

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2002	TN	Total Electric Industry	6.41	6.45	4.15	NA	8.92	5.72
2002	TX	Total Electric Industry	8.05	6.95	4.66	NA	6.55	6.62
2002	UT	Total Electric Industry	6.79	5.60	3.84	NA	4.69	5.39
2002	VA	Total Electric Industry	7.79	5.87	4.13	NA	5.14	6.23
2002	VT	Total Electric Industry	12.78	11.10	7.90	NA	19.26	10.87
2002	WA	Total Electric Industry	6.29	6.11	4.88	NA	4.94	5.88
2002	WI	Total Electric Industry	8.18	6.54	4.43	NA	8.08	6.28
2002	WV	Total Electric Industry	6.23	5.41	3.81	NA	10.01	5.11
2002	WY	Total Electric Industry	6.97	5.71	3.55	NA	5.93	4.68
2002	US	Total Electric Industry	8.44	7.89	4.88	NA	6.75	7.20
2002	AK	Full-Service Providers	12.05	10.13	7.65	NA	14.04	10.46
2002	AL	Full-Service Providers	7.12	6.63	3.82	NA	7.46	5.71
2002	AR	Full-Service Providers	7.25	5.68	4.01	NA	6.52	5.61
2002	AZ	Full-Service Providers	8.27	7.28	5.20	NA	4.56	7.21
2002	CA	Full-Service Providers	12.63	13.84	10.23	NA	6.53	12.52
2002	CO	Full-Service Providers	7.37	5.67	4.52	NA	6.64	6.00
2002	CT	Full-Service Providers	10.96	9.32	7.69	NA	10.34	9.72
2002	DC	Full-Service Providers	7.98	7.51	4.95	NA	4.88	7.47
2002	DE	Full-Service Providers	8.70	7.17	5.20	NA	14.13	7.23
2002	FL	Full-Service Providers	8.16	6.64	5.23	NA	7.43	7.31
2002	GA	Full-Service Providers	7.63	6.46	3.95	NA	8.31	6.24
2002	HI	Full-Service Providers	15.63	14.11	11.02	NA	16.85	13.39
2002	IA	Full-Service Providers	8.35	6.56	4.06	NA	4.92	6.01
2002	ID	Full-Service Providers	6.59	5.71	4.34	NA	5.18	5.58
2002	IL	Full-Service Providers	8.39	7.41	4.75	NA	5.76	7.01
2002	IN	Full-Service Providers	6.91	5.98	3.95	NA	9.75	5.34
2002	KS	Full-Service Providers	7.67	6.28	4.53	NA	9.30	6.31
2002	KY	Full-Service Providers	5.65	5.30	3.09	NA	4.61	4.26
2002	LA	Full-Service Providers	7.10	6.64	4.42	NA	7.05	5.99
2002	MA	Full-Service Providers	10.89	10.21	8.58	NA	12.46	10.26
2002	MD	Full-Service Providers	7.73	6.36	3.49	NA	10.34	6.18
2002	ME	Full-Service Providers	12.95	12.58	6.68	NA	12.19	10.06
2002	MI	Full-Service Providers	8.28	7.91	5.04	NA	10.43	7.15
2002	MN	Full-Service Providers	7.49	5.88	4.07	NA	7.36	5.80
2002	MO	Full-Service Providers	7.06	5.88	4.42	NA	6.20	6.09
2002	MS	Full-Service Providers	7.28	6.83	4.40	NA	8.76	6.24
2002	MT	Full-Service Providers	7.23	6.47	3.87	NA	7.06	6.16
2002	NC	Full-Service Providers	8.19	6.51	4.70	NA	6.70	6.74
2002	ND	Full-Service Providers	6.39	5.85	3.98	NA	3.68	5.45
2002	NE	Full-Service Providers	6.73	5.62	3.89	NA	6.37	5.55
2002	NH	Full-Service Providers	11.88	10.05	9.11	NA	12.85	10.60
2002	NJ	Full-Service Providers	10.38	8.92	7.68	NA	14.81	9.32
2002	NM	Full-Service Providers	8.50	7.22	4.48	NA	6.23	6.73
2002	NV	Full-Service Providers	9.43	9.06	7.25	NA	6.54	8.42
2002	NY	Full-Service Providers	13.46	12.05	4.63	NA	8.46	10.89
2002	OH	Full-Service Providers	7.98	7.72	4.73	NA	5.42	6.62
2002	OK	Full-Service Providers	6.73	5.75	3.81	NA	5.06	5.59
2002	OR	Full-Service Providers	7.12	6.59	4.72	NA	9.44	6.32
2002	PA	Full-Service Providers	9.57	8.51	5.84	NA	11.33	7.98
2002	RI	Full-Service Providers	10.21	8.69	7.83	NA	14.94	9.22
2002	SC	Full-Service Providers	7.72	6.48	3.85	NA	6.44	5.83
2002	SD	Full-Service Providers	7.40	6.24	4.54	NA	3.63	6.26
2002	TN	Full-Service Providers	6.41	6.45		NA	8.92	5.72
2002	TX	Full-Service Providers	8.05	6.95			6.55	6.62
2002	UT	Full-Service Providers	6.79	5.60		NA	4.69	5.39
2002	VA	Full-Service Providers	7.79	5.87	4.13	NA	5.14	6.22
2002	VT	Full-Service Providers	12.78	11.10		NA	19.26	10.87
2002	WA	Full-Service Providers	6.29	6.11	4.23	NA	4.94	5.77
2002	WI	Full-Service Providers	8.18	6.54	4.43	NA	8.08	6.28
2002	WV	Full-Service Providers	6.23	5.41		NA	10.01	5.11
2002	WY	Full-Service Providers	6.97	5.71	3.55	NA	5.93	4.68
2002	US	Full-Service Providers	8.40	7.77	4.78	NA	6.65	7.13
2002	CA	Restructured Retail Service Providers	13.92	9.58			22.89	9.09
2002	CT	Restructured Retail Service Providers	10.45	9.26		NA	17.73	9.08
2002	DC	Restructured Retail Service Providers	7.90	7.19		NA	7.16	7.20
2002	DE	Restructured Retail Service Providers	0.00	4.85	3.90	NA	0.00	3.93
2002	IL	Restructured Retail Service Providers	0.00	8.26	5.29	NA	7.05	6.38
2002	MA	Restructured Retail Service Providers	13.86	9.51	7.74	NA	17.20	9.18
2002	MD	Restructured Retail Service Providers	7.94	6.07	5.87	NA	7.77	6.19
2002	ME	Restructured Retail Service Providers	12.73	10.49	7.10	NA	25.77	10.38
2002	MI	Restructured Retail Service Providers	0.00	6.30	4.70	NA	0.00	5.64
2002	MT	Restructured Retail Service Providers	6.04	4.99	3.51	NA	6.01	3.83
2002	NH	Restructured Retail Service Providers	13.00	11.72		NA	12.61	10.48
2002	NJ	Restructured Retail Service Providers	10.39	7.81	8.29	NA	0.00	8.16
2002	NY	Restructured Retail Service Providers	15.11	13.13	8.70	NA	10.69	12.56
2002	ОН	Restructured Retail Service Providers	10.56	8.33		NA	4.75	7.73

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2002	PA	Restructured Retail Service Providers	12.06	8.41	5.72	NA	16.54	9.03
2002	RI	Restructured Retail Service Providers	9.46	8.45	8.30	NA	16.71	9.04
2002	VA	Restructured Retail Service Providers	8.72	6.75	5.55	NA	5.68	7.31
2002	WA	Restructured Retail Service Providers	0.00	0.00	13.60	NA	0.00	13.60
2002	US	Restructured Retail Service Providers	12.00	9.61	6.61	NA	9.69	8.77
2002	CA	Energy-Only Providers	8.12	6.00	6.18	NA	17.16	6.14
2002	CT	Energy-Only Providers	5.23	4.72	4.10	NA	4.76	4.73
2002	DC	Energy-Only Providers	5.27	4.25	0.00	NA	4.71	4.30
2002	DE	Energy-Only Providers	0.00	3.97	3.57	NA	0.00	3.58
2002	IL	Energy-Only Providers	0.00	5.69	3.67	NA	3.97	4.37
2002	MA	Energy-Only Providers	6.34	5.35	4.51	NA	4.55	5.12
2002	MD	Energy-Only Providers	4.77	4.27	4.51	NA	4.59	4.44
2002	ME	Energy-Only Providers	5.02	5.61	5.01	NA	3.90	5.21
2002	MI	Energy-Only Providers	0.00	5.56	4.41	NA	0.00	5.09
2002	MT	Energy-Only Providers	3.07	3.15	3.28	NA	3.27	3.26
2002	NH	Energy-Only Providers	10.23	8.95	5.72	NA	9.84	7.70
2002	NJ	Energy-Only Providers	6.13	4.35	5.08	NA	0.00	4.79
2002	NY	Energy-Only Providers	7.25	7.93	5.62	NA	4.06	7.31
2002	OH	Energy-Only Providers	4.45	4.05	2.69	NA	3.00	3.56
2002	PA	Energy-Only Providers	5.83	5.50	4.33	NA	4.53	5.36
2002	RI	Energy-Only Providers	4.94	4.83	5.60	NA	4.25	5.09
2002	VA	Energy-Only Providers	4.50	4.33	4.46	NA	4.46	4.45
2002	WA	Energy-Only Providers	0.00	0.00	10.07	NA	0.00	10.07
2002	US	Energy-Only Providers	5.43	5.86	4.53	NA	4.30	5.27
2002	CA	Delivery-Only Service	5.80	3.57	2.17	NA	5.73	2.95
2002	CT	Delivery-Only Service	5.22	4.54	3.05	NA NA	12.97	4.34
2002	DC	Delivery-Only Service	2.63	2.94	0.00	NA NA	2.46	2.90
2002	DE	Delivery-Only Service	0.00	0.88	0.33	NA NA	0.00	0.35
2002	IL	Delivery-Only Service	0.00	2.57	1.62	NA NA	3.08	2.02
2002	MA	Delivery-Only Service	7.52	4.16	3.23	NA NA	12.65	4.06
2002	MD	Delivery-Only Service	3.17	1.80	1.35	NA NA	3.18	1.74
2002	ME	Delivery-Only Service	7.71	4.88	2.09	NA NA	21.86	5.17
2002	MI	Delivery-Only Service	0.00	0.73	0.29	NA NA	0.00	0.55
2002	MT	Delivery-Only Service	2.97	1.83	0.23	NA NA	2.74	0.57
2002	NH		2.77	2.76	2.79	NA NA	2.77	2.78
2002	NJ	Delivery Only Service	4.26	3.47	3.22	NA NA	0.00	3.37
2002	NY	Delivery Only Service	7.87	5.20	3.09	NA NA	6.63	5.26
	OH	Delivery-Only Service		4.28	2.95			5.26 4.17
2002	PA	Delivery-Only Service	6.11			NA NA	1.75	
2002	RI	Delivery-Only Service	6.23 4.52	2.91	1.39 2.70	NA NA	12.01	3.67
2002	VA	Delivery-Only Service	4.32	3.62 2.42	1.09	NA NA	12.46 1.22	3.95 2.86
		Delivery-Only Service		0.00		NA NA		
2002	WA	Delivery-Only Service	0.00		3.54		0.00	3.54
2002	US	Delivery-Only Service	6.57	3.75	2.08	NA NA	5.39	3.50
2001	AK	Total Electric Industry	12.12	10.29	7.61	NA NA	14.37	10.54
2001	AL	Total Electric Industry	7.01	6.53	3.79	NA	7.11	5.60
2001	AR	Total Electric Industry	7.72	6.19	4.43	NA	6.91	6.05
2001	AZ	Total Electric Industry	8.30	7.37	5.24	NA	4.93	7.27
2001	CA	Total Electric Industry	12.09	12.15	9.23	NA	8.48	11.22
2001	CO	Total Electric Industry	7.47	5.67	4.48	NA NA	8.36	6.02
2001	CT	Total Electric Industry	10.90	9.26	7.62	NA NA	10.00	9.62
2001	DC	Total Electric Industry	7.79	7.45	4.81	NA NA	6.39	7.40
2001	DE	Total Electric Industry	8.61	7.00	4.81	NA NA	14.17	6.80
2001	FL	Total Electric Industry	8.59	7.08		NA NA	7.60	7.67
2001	GA	Total Electric Industry	7.72	6.61			8.56	6.39
2001	HI	Total Electric Industry	16.34	14.81	11.68	NA NA	16.81	14.05
2001	IA	Total Electric Industry	8.41	6.69		NA NA	5.67	6.14
2001	ID	Total Electric Industry	6.01	5.13		NA NA	4.66	4.92
2001	IL IN	Total Electric Industry	8.71	7.40		NA NA	6.37	6.90
2001	IN	Total Electric Industry	6.92	5.29		NA	9.06	5.30
2001	KS	Total Electric Industry	7.66	6.20		NA	8.91	6.24
2001	KY	Total Electric Industry	5.58	5.20	3.04	NA	4.53	4.24
2001	LA	Total Electric Industry	7.92	7.58		NA	8.43	6.96
2001	MA	Total Electric Industry	12.47	11.64		NA	15.52	11.55
2001	MD	Total Electric Industry	7.67	6.36		NA	9.42	6.60
2001	ME	Total Electric Industry	13.13	11.64	7.15	NA	25.40	10.55
2001	MI	Total Electric Industry	8.26	7.54	5.08	NA	10.38	6.97
2001	MN	Total Electric Industry	7.61	6.03		NA	7.43	5.97
2001	MO	Total Electric Industry	7.00	5.89		NA	6.08	6.03
2001	MS	Total Electric Industry	7.37	6.94	4.40	NA	8.95	6.26
2001	MT	Total Electric Industry	6.88	5.91	6.59	NA	7.47	6.48
2001	NC	Total Electric Industry	8.12	6.42	4.61	NA	6.68	6.58
2001	ND	Total Electric Industry	6.47	5.99	3.98	NA	3.79	5.48
2001	NE	Total Electric Industry	6.50	5.48	3.76	NA	6.51	5.39
2001	NH	Total Electric Industry	12.49	10.53	9.11	NA	13.28	10.95
2001	NJ	Total Electric Industry	10.21	9.09	8.33	NA	11.21	9.36
2001	NM	Total Electric Industry	8.74	7.50	5.45	NA	6.37	7.16

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2001	NV	Total Electric Industry	9.08	8.45	6.56	NA	6.15	7.86
2001	NY	Total Electric Industry	14.04	12.87	5.56	NA	8.77	11.55
2001	OH	Total Electric Industry	8.37	8.46	4.27	NA	5.86	6.62
2001	OK	Total Electric Industry	7.27	6.35	4.29	NA	5.39	6.10
2001	OR	Total Electric Industry	6.29	5.45	4.21	NA	7.33	5.44
2001	PA	Total Electric Industry	9.68	8.62	5.76	NA	11.46	8.01
2001	RI	Total Electric Industry	12.13	11.54	9.36	NA	22.86	11.45
2001	SC	Total Electric Industry	7.69	6.45	3.86	NA	6.39	5.77
2001	SD	Total Electric Industry	7.42	6.55	4.46	NA	3.71	6.35
2001	TN	Total Electric Industry	6.32	6.31	4.05	NA	8.83	5.59
2001	TX	Total Electric Industry	8.86	7.74	5.27	NA	7.56	7.38
2001	UT	Total Electric Industry	6.72	5.58	3.53	NA	4.53	5.21
2001	VA	Total Electric Industry	7.79	5.85	4.16	NA	5.16	6.18
2001	VT	Total Electric Industry	12.67	11.28	7.89	NA	18.85	10.86
2001	WA	Total Electric Industry	5.70	5.45	4.75	NA	4.69	5.34
2001	WI	Total Electric Industry	7.90	6.34	4.36	NA	7.70	6.08
2001	WV	Total Electric Industry	6.26	5.44	3.74	NA	10.36	5.07
2001	WY	Total Electric Industry	6.77	5.41	3.43	NA	5.07	4.46
2001	US	Total Electric Industry	8.58	7.92	5.05	NA	7.20	7.29
2001	AK	Full-Service Providers	12.12	10.29	7.61	NA	14.37	10.54
2001	AL	Full-Service Providers	7.01	6.53	3.79	NA	7.11	5.60
2001	AR	Full-Service Providers	7.72	6.19	4.43	NA	6.91	6.05
2001	AZ	Full-Service Providers	8.30	7.36	5.24	NA	4.93	7.27
2001	CA	Full-Service Providers	12.08	12.41	9.54	NA	8.47	11.41
2001	CO	Full-Service Providers	7.47	5.67	4.48	NA	8.36	6.02
2001	CT	Full-Service Providers	10.91	9.26	7.62	NA	10.00	9.62
2001	DC	Full-Service Providers	7.80	7.47	4.80	NA	5.96	7.42
2001	DE	Full-Service Providers	8.61	7.09	4.90	NA	14.17	7.00
2001	FL	Full-Service Providers	8.59	7.08	5.18	NA	7.60	7.67
2001	GA	Full-Service Providers	7.72	6.61	4.28	NA	8.56	6.39
2001	HI	Full-Service Providers	16.34	14.81	11.68	NA	16.81	14.05
2001	IA	Full-Service Providers	8.41	6.69	4.18	NA	5.67	6.14
2001	ID	Full-Service Providers	6.01	5.13	3.71	NA	4.66	4.92
2001	IL	Full-Service Providers	8.71	7.51	4.57	NA	6.48	7.02
2001	IN	Full-Service Providers	6.92	5.29	4.11	NA	9.06	5.30
2001	KS	Full-Service Providers	7.66	6.20	4.55	NA	8.91	6.24
2001	KY	Full-Service Providers	5.58	5.20	3.04	NA	4.53	4.24
2001	LA	Full-Service Providers	7.92	7.58	5.58	NA	8.43	6.96
2001	MA	Full-Service Providers	12.47	11.77	9.37	NA	15.22	11.60
2001	MD	Full-Service Providers	7.66	6.35	4.31	NA	9.58	6.59
2001	ME	Full-Service Providers	15.24	12.57	7.32	NA	20.21	11.33
2001	MI	Full-Service Providers	8.26	7.54	5.08	NA	10.38	6.98
2001	MN	Full-Service Providers	7.61	6.03	4.34	NA	7.43	5.97
2001	MO	Full-Service Providers	7.00	5.89	4.39	NA	6.08	6.03
2001	MS	Full-Service Providers	7.37	6.94	4.40	NA	8.95	6.26
2001	MT	Full-Service Providers	6.88	6.09	4.57	NA	7.47	6.12
2001	NC	Full-Service Providers	8.12	6.42	4.61	NA	6.68	6.58
2001	ND	Full-Service Providers	6.47	5.99	3.98	NA	3.79	5.48
2001	NE	Full-Service Providers	6.50	5.48	3.76	NA	6.51	5.39
2001	NH	Full-Service Providers	12.49	10.53	9.11	NA	13.28	10.95
2001	NJ	Full-Service Providers	10.22	9.11	8.46	NA	11.17	9.42
2001	NM	Full-Service Providers	8.74	7.50	5.45	NA	6.37	7.16
2001	NV	Full-Service Providers	9.08	8.45		NA	6.15	7.86
2001	NY	Full-Service Providers	13.99	12.68			8.56	11.29
2001	OH	Full-Service Providers	8.32	8.44	4.24	NA	5.92	6.65
2001	OK	Full-Service Providers	7.27	6.35		NA	5.39	6.10
2001	OR	Full-Service Providers	6.29	5.45		NA	7.33	5.44
2001	PA	Full-Service Providers	9.39	8.80	5.78	NA	11.35	7.95
2001	RI	Full-Service Providers	12.13	11.81	9.37	NA	-13.91	11.52
2001	SC	Full-Service Providers	7.69	6.45		NA	6.39	5.77
2001	SD	Full-Service Providers	7.42	6.55	4.46	NA	3.71	6.35
2001	TN	Full-Service Providers	6.32	6.31	4.05	NA	8.83	5.59
2001	TX	Full-Service Providers	8.86	7.74	5.29	NA	7.52	7.39
2001	UT	Full-Service Providers	6.72	5.58	3.53	NA	4.53	5.21
2001	VA	Full-Service Providers	7.79	5.85	4.16	NA	5.16	6.18
2001	VT	Full-Service Providers	12.67	11.17	7.89	NA	18.85	10.82
2001	WA	Full-Service Providers	5.70	5.45	4.43	NA	4.69	5.27
2001	WI	Full-Service Providers	7.90	6.34	4.36	NA	7.70	6.08
2001	WV	Full-Service Providers	6.26	5.44	3.74	NA	10.36	5.07
2001	WY	Full-Service Providers	6.77	5.41	3.43	NA	5.07	4.46
2001	US	Full-Service Providers	8.55	7.84	5.01	NA	7.15	7.25
2001	CA	Restructured Retail Service Providers	12.72	6.66	5.41	NA	8.70	6.54
2001	CT	Restructured Retail Service Providers	9.45	9.43	0.00	NA	0.00	9.45
2001	DC	Restructured Retail Service Providers	6.82	7.39	5.41	NA	6.69	7.32
2001	DE	Restructured Retail Service Providers	5.66	5.12	4.40	NA	0.00	4.53
2001	IL	Restructured Retail Service Providers	0.00	6.31	5.14	NA	5.97	5.67

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2001	MA	Restructured Retail Service Providers	13.54	10.76	9.37	NA	17.80	10.82
2001	MD	Restructured Retail Service Providers	8.47	6.52	5.29	NA	8.76	6.70
2001	ME	Restructured Retail Service Providers	12.73	10.52	7.08	NA	27.69	10.17
2001	MI	Restructured Retail Service Providers	0.00	7.01	5.39	NA	0.00	6.04
2001	MT	Restructured Retail Service Providers	4.70	4.86	9.85	NA	0.00	8.34
2001	NH	Restructured Retail Service Providers	0.00	9.80	0.00	NA	0.00	9.80
2001	NJ	Restructured Retail Service Providers	8.58	8.71	7.09	NA	12.68	8.07
2001	NY	Restructured Retail Service Providers	15.00	13.55	11.42	NA	11.00	13.30
2001	OH	Restructured Retail Service Providers	9.83	8.90	4.49	NA NA	4.39	6.14
2001	PA	Restructured Retail Service Providers	11.98	7.98		NA NA	18.27	8.38
					5.66			
2001	RI	Restructured Retail Service Providers	0.00	10.49	9.30	NA	20.83	11.00
2001	TX	Restructured Retail Service Providers	9.55	8.93	0.93	NA	407.76	6.30
2001	VA	Restructured Retail Service Providers	7.47	6.14	4.98	NA	5.64	6.75
2001	WA	Restructured Retail Service Providers	0.00	0.00	9.83	NA	0.00	9.83
2001	US	Restructured Retail Service Providers	12.08	9.67	6.07	NA	8.47	8.66
2001	CA	Energy-Only Providers	13.21	8.02	7.49	NA	10.78	8.21
2001	CT	Energy-Only Providers	4.97	5.03	0.00	NA	0.00	4.97
2001	DC	Energy-Only Providers	4.42	4.42	4.39	NA	4.42	4.42
2001	DE	Energy-Only Providers	3.03	4.06	3.62	NA	0.00	3.70
2001	IL	Energy-Only Providers	0.00	4.60	4.18	NA	4.49	4.37
2001	MA	Energy-Only Providers	6.70	6.46	5.89	NA NA	5.04	6.39
2001	MD		5.24	4.66	3.70	NA NA	4.61	4.51
		Energy-Only Providers						
2001	ME	Energy-Only Providers	4.76	5.92	5.02	NA NA	5.21	5.11
2001	MI	Energy-Only Providers	0.00	6.23	4.80	NA	0.00	5.37
2001	MT	Energy-Only Providers	2.30	2.64	9.20	NA	0.00	7.21
2001	NH	Energy-Only Providers	0.00	6.76	0.00	NA	0.00	6.76
2001	NJ	Energy-Only Providers	4.33	4.60	3.62	NA	8.18	4.21
2001	NY	Energy-Only Providers	7.03	8.28	7.18	NA	4.52	7.79
2001	ОН	Energy-Only Providers	3.72	3.81	2.63	NA	3.08	3.03
2001	PA	Energy-Only Providers	4.70	4.68	3.78	NA	5.30	4.43
2001	RI	Energy-Only Providers	0.00	6.62	6.62	NA	5.42	6.53
2001	TX	Energy-Only Providers	5.86	7.35	0.00	NA NA	401.22	4.74
2001	VA	Energy-Only Providers	4.59	4.42	4.52	NA NA	4.52	4.53
	WA		0.00	0.00	6.17	NA NA	0.00	6.17
2001		Energy-Only Providers						
2001	US	Energy-Only Providers	5.34	6.22	4.69	NA	5.23	5.51
2001	CA	Delivery-Only Service	-0.48	-1.35	-2.08	NA	-2.09	-1.67
2001	CT	Delivery-Only Service	4.48	4.40	0.00	NA	0.00	4.48
2001	DC	Delivery-Only Service	2.40	2.97	1.01	NA	2.27	2.90
2001	DE	Delivery-Only Service	2.63	1.06	0.78	NA	0.00	0.83
2001	IL	Delivery-Only Service	0.00	1.71	0.95	NA	1.48	1.29
2001	MA	Delivery-Only Service	6.84	4.31	3.49	NA	12.77	4.43
2001	MD	Delivery-Only Service	3.23	1.87	1.60	NA	4.15	2.19
2001	ME	Delivery-Only Service	7.97	4.59	2.05	NA	22.48	5.06
2001	MI	Delivery-Only Service	0.00	0.78	0.59	NA	0.00	0.67
2001	MT	Delivery-Only Service	2.39	2.22	0.66	NA NA	0.00	1.13
2001	NH		0.00	3.04	0.00	NA NA	0.00	3.04
		Delivery-Only Service						
2001	NJ	Delivery-Only Service	4.25	4.11	3.47	NA	4.50	3.86
2001	NY	Delivery-Only Service	7.97	5.28	4.24	NA	6.48	5.51
2001	ОН	Delivery-Only Service	6.11	5.10	1.86	NA	1.31	3.11
2001	PA	Delivery-Only Service	7.28	3.30	1.88	NA	12.96	3.95
2001	RI	Delivery-Only Service	0.00	3.87	2.67	NA	15.41	4.47
2001	TX	Delivery-Only Service	3.68	1.59	0.93	NA	6.53	1.56
2001	VA	Delivery-Only Service	2.88	1.72	0.45	NA	1.12	2.22
2001	WA	Delivery-Only Service	0.00	0.00	3.66	NA	0.00	3.66
2001	US	Delivery-Only Service	6.74	3.44	1.38	NA	3.24	3.15
2000	AK	Total Electric Industry	11.45	9.77	7.56	NA NA	14.17	10.08
2000	AL	Total Electric Industry	7.05	6.58		NA NA	7.12	5.61
2000	AR	Total Electric Industry	7.05	5.93	4.20	NA NA	6.39	5.77
		,						
2000	AZ	Total Electric Industry	8.44	7.34	5.27	NA	4.53	7.25
2000	CA	Total Electric Industry	10.89	10.25		NA	4.87	9.47
2000	CO	Total Electric Industry	7.31	5.55	4.25	NA	7.77	5.88
2000	CT	Total Electric Industry	10.86	9.27	7.32	NA	10.06	9.52
2000	DC	Total Electric Industry	8.03	7.55		NA	6.67	7.52
2000	DE	Total Electric Industry	8.54	5.89	3.73	NA	14.19	6.08
2000	FL	Total Electric Industry	7.77	6.25	4.84	NA	6.96	6.91
2000	GA	Total Electric Industry	7.60	6.50	4.10	NA	8.51	6.21
2000	HI	Total Electric Industry	16.41	14.81	11.69	NA	14.76	14.03
2000	IA	Total Electric Industry	8.37	6.57	3.89	NA NA	6.13	5.93
2000	ID	Total Electric Industry	5.39	4.24	3.11	NA NA	4.13	4.17
2000	IL	Total Electric Industry Total Electric Industry	8.83	7.31	4.99	NA NA	5.63	6.94
		-						
2000	IN	Total Electric Industry	6.87	5.93	3.81	NA	9.37	5.18
2000	KS	Total Electric Industry	7.65	6.25	4.55	NA	7.29	6.27
2000	KY	Total Electric Industry	5.47	5.14	3.01	NA	4.40	4.18
2000	LA	Total Electric Industry	7.67	7.18	5.00	NA	6.98	6.48
2000	MA	Total Electric Industry	10.53	9.13	8.20	NA	15.32	9.49
2000	MD	Total Electric Industry	7.95	6.55	4.14	NA	8.89	6.74

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2000	ME	Total Electric Industry	12.49	10.23	6.89	NA	11.45	9.69
2000	MI	Total Electric Industry	8.52	7.90	5.09	NA	10.77	7.11
2000	MN	Total Electric Industry	7.52	6.36	4.57	NA NA	7.60	5.87
2000	MO	Total Electric Industry	7.04	5.83	4.43	NA	6.02	6.02
2000	MS	Total Electric Industry	6.93	6.41	4.14	NA	8.33	5.85
2000	MT	Total Electric Industry	6.49	5.60	3.97	NA	0.68	5.00
2000	NC	Total Electric Industry	7.97	6.36	4.58	NA	6.53	6.48
2000	ND	Total Electric Industry	6.44	6.08	3.98	NA	4.19	5.44
2000	NE	Total Electric Industry	6.53	5.42	3.61	NA	6.10	5.31
2000	NH	Total Electric Industry	13.15	10.81	9.17	NA	12.41	11.25
2000	NJ	Total Electric Industry	10.27	9.14	8.58	NA	12.11	9.47
2000	NM	Total Electric Industry	8.36	7.06	4.69	NA	5.64	6.58
2000	NV	Total Electric Industry	7.28	6.74	4.98	NA	4.77	6.17
2000	NY	Total Electric Industry	13.97	12.65	5.37	NA	8.99	11.38
2000	OH	Total Electric Industry	8.61	7.61	4.37	NA	6.10	6.41
2000	OK	Total Electric Industry	7.03	6.14	4.09	NA	5.46	5.88
2000	OR	Total Electric Industry	5.88	5.06	3.56	NA	7.10	4.89
2000	PA	Total Electric Industry	9.53	7.71	5.63	NA	10.71	7.65
2000	RI	Total Electric Industry	11.28	9.50	8.76	NA	25.19	10.18
2000	SC	Total Electric Industry	7.58	6.35	3.74	NA	6.29	5.62
2000	SD	Total Electric Industry	7.42	6.64	4.49	NA	4.30	6.32
2000	TN	Total Electric Industry	6.33	6.28	4.09	NA	8.79	5.58
2000	TX	Total Electric Industry	7.96	6.88	4.42	NA	6.77	6.49
2000	UT	Total Electric Industry	6.29	5.23	3.35	NA	4.14	4.84
2000	VA	Total Electric Industry	7.52	5.65	3.90	NA	5.05	5.94
2000	VT	Total Electric Industry	12.30	10.61	7.31	NA	12.20	10.27
2000	WA	Total Electric Industry	5.13	4.86	3.30	NA	3.65	4.33
2000	WI	Total Electric Industry	7.53	6.03	4.04	NA	7.40	5.71
2000	WV	Total Electric Industry	6.27	5.46	3.76	NA	9.88	5.07
2000	WY	Total Electric Industry	6.50	5.29	3.36	NA	4.87	4.34
2000	US	Total Electric Industry	8.24	7.43	4.64	NA	6.56	6.81
2000	AK	Full-Service Providers	11.45	9.77	7.56	NA	14.17	10.08
2000	AL	Full-Service Providers	7.05	6.58	3.87	NA	7.12	5.61
2000	AR	Full-Service Providers	7.45	5.93	4.20	NA	6.39	5.77
2000	AZ	Full-Service Providers	8.44	7.37	5.27	NA	4.53	7.26
2000	CA	Full-Service Providers	10.85	10.55	7.22	NA	4.79	9.66
2000	CO	Full-Service Providers	7.31	5.55	4.25	NA	7.77	5.88
2000	CT	Full-Service Providers	10.86	9.27	7.32	NA	10.06	9.52
2000	DC	Full-Service Providers	8.03	7.55	4.74	NA	6.67	7.52
2000	DE	Full-Service Providers	8.54	6.12	3.68	NA	14.19	6.17
2000	FL	Full-Service Providers	7.77	6.25	4.84	NA	6.96	6.91
2000	GA	Full-Service Providers	7.60	6.50	4.10	NA	8.51	6.21
2000	HI	Full-Service Providers	16.41	14.81	11.69	NA	14.76	14.03
2000	IA	Full-Service Providers	8.37	6.57	3.89	NA	6.13	5.93
2000	ID	Full-Service Providers	5.39	4.24	3.11	NA	4.13	4.17
2000	IL	Full-Service Providers	8.83	7.53	4.76	NA	5.55	6.99
2000	IN	Full-Service Providers	6.87	5.93	3.81	NA	9.37	5.18
2000	KS	Full-Service Providers	7.65	6.25	4.55	NA	7.29	6.27
2000	KY	Full-Service Providers	5.47	5.14	3.01	NA	4.40	4.18
2000	LA	Full-Service Providers	7.67	7.18	5.00	NA	6.98	6.48
2000	MA	Full-Service Providers	10.53	9.20	8.27	NA	15.34	9.57
2000	MD	Full-Service Providers	7.96	6.55	4.13	NA	8.89	6.74
2000	ME	Full-Service Providers	12.92	10.77	7.18	NA	21.70	9.96
2000	MI	Full-Service Providers	8.53	7.90			10.77	7.12
2000	MN	Full-Service Providers	7.52	6.36	4.57	NA	7.60	5.87
2000	MO	Full-Service Providers	7.04	5.83	4.43	NA	6.02	6.02
2000	MS	Full-Service Providers	6.93	6.41	4.14	NA	8.33	5.85
2000	MT	Full-Service Providers	6.48	5.70	2.48	NA	7.18	4.74
2000	NC	Full-Service Providers	7.97	6.36		NA	6.53	6.48
2000	ND	Full-Service Providers	6.44	6.08	3.98	NA	4.19	5.44
2000	NE	Full-Service Providers	6.53	5.42	3.61	NA	6.10	5.31
2000	NH	Full-Service Providers	13.14	10.87	9.10	NA	12.41	11.26
2000	NJ	Full-Service Providers	10.29	9.23	8.16	NA	11.94	9.47
2000	NM	Full-Service Providers	8.36	7.06	4.69	NA	5.64	6.58
2000	NV	Full-Service Providers	7.28	6.74	4.98	NA	4.77	6.17
2000	NY	Full-Service Providers	14.03	12.54	4.97	NA	8.71	11.23
2000	OH	Full-Service Providers	8.61	7.61	4.47	NA	6.10	6.50
2000	OK	Full-Service Providers	7.03	6.14	4.09	NA	5.46	5.88
2000	OR	Full-Service Providers	5.88	5.06	3.56	NA	7.10	4.89
2000	PA	Full-Service Providers	9.35	8.21	5.31	NA	10.60	7.82
2000	RI	Full-Service Providers	11.28	9.71	8.70	NA	20.44	10.20
2000	SC	Full-Service Providers	7.58	6.35	3.74	NA	6.29	5.62
2000	SD	Full-Service Providers	7.42	6.64	4.49	NA	4.30	6.32
2000	TN	Full-Service Providers	6.33	6.28	4.09	NA	8.79	5.58
2000	TX	Full-Service Providers	7.96	6.88	4.42	NA	6.77	6.49
2000	UT	Full-Service Providers	6.29	5.23	3.35	NA	4.14	4.84

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
2000	VA	Full-Service Providers	7.52	5.65	3.90	NA	5.05	5.94
2000	VT	Full-Service Providers	12.30	10.61	7.31	NA	12.20	10.27
2000	WA	Full-Service Providers	5.13	4.86	3.42	NA	3.65	4.41
2000	WI	Full-Service Providers	7.53	6.03	4.04	NA	7.40	5.71
2000	WV	Full-Service Providers	6.27	5.46	3.76	NA	9.88	5.07
2000	WY	Full-Service Providers	6.50	5.29	3.36	NA	4.87	4.34
2000	US	Full-Service Providers	8.21	7.36	4.57	NA	6.48	6.78
2000	AZ	Restructured Retail Service Providers	0.00	3.68	0.00	NA	0.00	3.68
2000	CA	Restructured Retail Service Providers	13.64	7.82	6.78	NA	9.36	7.63
2000	DE	Restructured Retail Service Providers	5.29	3.71	5.42	NA	0.00	4.08
2000	IL	Restructured Retail Service Providers	0.00	5.49	6.92	NA	0.00	6.28
2000	MA	Restructured Retail Service Providers	11.39	8.39	7.11	NA	14.83	8.15
2000	MD	Restructured Retail Service Providers	4.86	8.81	0.00	NA	0.00	8.52
2000	ME	Restructured Retail Service Providers	12.27	8.47	6.59	NA	9.56	9.39
2000	MI	Restructured Retail Service Providers	6.22	5.62	4.91	NA	0.00	5.03
2000	MT	Restructured Retail Service Providers	11.05	4.58	8.02	NA	0.00	7.49
2000	NH	Restructured Retail Service Providers	14.59	9.26	22.46	NA	0.00	10.72
2000	NJ	Restructured Retail Service Providers	9.53	8.71	13.82	NA	0.00	9.41
2000	NM	Restructured Retail Service Providers	2.82	2.82	2.81	NA	0.00	2.81
2000	NY	Restructured Retail Service Providers	12.30	13.06	9.41	NA	10.63	12.38
2000	ОН	Restructured Retail Service Providers	0.00	0.00	2.71	NA	0.00	2.71
2000	PA	Restructured Retail Service Providers	11.69	6.95	6.27	NA	10.96	7.18
2000	RI	Restructured Retail Service Providers	0.00	5.11	12.98	NA	48.98	9.19
2000	WA	Restructured Retail Service Providers	0.00	0.00	2.19	NA	0.00	2.19
2000	US	Restructured Retail Service Providers	12.07	8.65	6.24	NA	11.42	7.97
2000	AZ	Energy-Only Providers	0.00	3.68	0.00	NA NA	0.00	3.68
2000	CA	Energy-Only Providers	12.27	9.10	8.87	NA NA	8.44	9.15
2000	DE	Energy-Only Providers	5.20	3.42	3.52	NA NA	0.00	3.44
2000	IL	Energy-Only Providers	0.00	4.11	4.27	NA NA	0.00	4.19
2000	MA	Energy-Only Providers	4.44	3.56	3.76	NA NA	1.69	3.60
2000	MD	Energy-Only Providers	4.21	6.39	0.00	NA NA	0.00	5.06
2000	ME	Energy-Only Providers	4.07	4.51	4.26	NA NA	4.33	4.22
2000	MI	Energy-Only Providers	6.22	4.09	4.06	NA NA	0.00	4.10
2000	MT	Energy-Only Providers	2.42	2.38	7.50	NA NA	0.00	6.68
2000	NH	Energy-Only Providers	3.08	2.68	2.36	NA NA	0.00	2.70
2000	NJ		4.81	4.33	4.11	NA NA	0.00	4.34
2000	NM	Energy-Only Providers	2.82	2.82	2.81	NA NA	0.00	2.81
		Energy-Only Providers						
2000	NY	Energy-Only Providers	6.13 0.00	7.29 0.00	4.86	NA NA	3.65	6.67
2000	OH	Energy-Only Providers	4.54		2.51	NA NA	0.00	2.51 4.19
2000	PA RI	Energy-Only Providers	0.00	4.31 3.07	3.95 3.20	NA NA	5.33 3.44	3.11
		Energy-Only Providers						
2000	WA	Energy-Only Providers	0.00	0.00	2.14	NA	0.00	2.14
2000	US	Energy-Only Providers	5.69	5.84	5.10	NA	4.47	5.50
2000	CA	Delivery-Only Service	1.36	-1.28	-2.09	NA	0.92	-1.52
2000	DE 	Delivery-Only Service	0.09	0.30	1.90	NA	0.00	0.64
2000	IL	Delivery-Only Service	0.00	1.38	2.65	NA	0.00	2.09
2000	MA	Delivery-Only Service	6.94	4.83	3.34	NA	13.14	4.55
2000	MD	Delivery-Only Service	0.66	2.42	0.00	NA	0.00	3.46
2000	ME	Delivery-Only Service	8.20	3.96	2.34	NA	5.22	5.18
2000	MI	Delivery-Only Service	0.00	1.53	0.85	NA	0.00	0.93
2000	MT	Delivery-Only Service	8.63	2.20	0.52	NA	0.00	0.81
2000	NH	Delivery-Only Service	11.51	6.58	20.10	NA	0.00	8.03
2000	NJ	Delivery-Only Service	4.72	4.38	9.71	NA	0.00	5.07
2000	NY	Delivery-Only Service	6.18	5.77	4.55		6.98	5.71
2000	OH	Delivery-Only Service	0.00	0.00	0.19	NA	0.00	0.19
2000	PA	Delivery-Only Service	7.15	2.64	2.32	NA	5.62	2.99
2000	RI	Delivery-Only Service	0.00	2.04	9.77	NA	45.54	6.08
2000	WA	Delivery-Only Service	0.00	0.00	0.05	NA	0.00	0.05
2000	US	Delivery-Only Service	6.37	2.81	1.14	NA	6.95	2.47
1999	AK	Total Electric Industry	11.16	9.20	7.32	NA	14.16	9.78
1999	AL	Total Electric Industry	7.03	6.54	3.82	NA	7.02	5.54
1999	AR	Total Electric Industry	7.43	5.82	4.12	NA	6.26	5.68
1999	AZ	Total Electric Industry	8.53	7.51	5.04	NA	4.66	7.23
1999	CA	Total Electric Industry	10.64	9.44	6.27	NA	4.15	8.75
1999	CO	Total Electric Industry	7.38	5.61	4.38	NA	8.23	5.95
1999	CT	Total Electric Industry	11.46	9.69	7.42	NA	10.93	9.96
1999	DC	Total Electric Industry	8.00	7.47	4.59	NA	6.55	7.45
1999	DE	Total Electric Industry	9.17	7.39	4.71	NA	13.24	7.10
1999	FL	Total Electric Industry	7.73	6.22	4.77	NA	6.61	6.85
1999	GA	Total Electric Industry	7.56	6.67	4.15		8.47	6.24
1999	HI	Total Electric Industry	14.30	12.74	9.70	NA	12.66	11.97
1999	IA	Total Electric Industry	8.35	6.45	3.89	NA NA	6.30	5.93
1999	ID	Total Electric Industry	5.26	4.20	2.63	NA NA	4.47	3.89
1999	IL	Total Electric Industry	8.83	7.38	4.99	NA NA	5.95	6.96
1999	IN	Total Electric Industry	6.96	6.05		NA NA	9.70	5.29
1999	KS	Total Electric Industry	7.64	6.25		NA NA	8.91	6.22
.000			7.04	0.20	7.77	IVA	5.91	0.22

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
1999	KY	Total Electric Industry	5.58	5.27	2.99	NA	4.55	4.17
1999	LA	Total Electric Industry	7.12	6.59	4.25	NA	6.20	5.81
1999	MA	Total Electric Industry	10.09	8.64	7.53	NA	13.73	8.99
1999	MD	Total Electric Industry	8.39	6.82	4.26	NA	8.77	7.04
1999	ME	Total Electric Industry	13.07	10.51	6.42	NA	24.29	9.77
1999	MI	Total Electric Industry	8.73	7.85	5.03	NA	10.17	7.12
1999	MN	Total Electric Industry	7.41	6.31	4.56	NA	7.49	5.83
1999	MO	Total Electric Industry	7.12	5.96	4.38	NA	6.26	6.06
1999	MS	Total Electric Industry	6.75	6.19	4.02	NA	7.93	5.65
1999	MT	Total Electric Industry	6.78	6.35	2.74	NA	6.34	4.77
1999	NC	Total Electric Industry	7.99	6.33	4.57	NA	6.74	6.44
1999	ND	Total Electric Industry	6.50	6.19	4.04	NA	4.23	5.49
1999	NE	Total Electric Industry	6.52	5.44	3.57	NA	6.47	5.31
1999	NH	Total Electric Industry	13.64	11.18	9.19	NA	12.78	11.60
1999	NJ	Total Electric Industry	11.40	9.73	7.67	NA	17.43	9.98
1999	NM	Total Electric Industry	8.62	7.52	4.24	NA	5.76	6.57
1999	NV	Total Electric Industry	7.13	6.66	4.77	NA	3.94	5.93
1999	NY	Total Electric Industry	13.23	10.11	4.74	NA	8.74	9.95
1999	OH	Total Electric Industry	8.68	7.67	4.33	NA	5.97	6.40
1999	OK	Total Electric Industry	6.60	5.58	3.60	NA	4.80	5.37
1999	OR	Total Electric Industry	5.75	4.94	3.48	NA	6.68	4.83
1999	PA	Total Electric Industry	8.86	6.53	4.71	NA	9.63	6.71
1999	RI	Total Electric Industry	10.12	7.73	7.31	NA	11.20	8.62
1999	SC	Total Electric Industry	7.55	6.30	3.72	NA	5.98	5.57
1999	SD	Total Electric Industry	7.42	6.70	4.55	NA	4.17	6.35
1999	TN	Total Electric Industry	6.34	6.29	4.19	NA	8.71	5.63
1999	TX	Total Electric Industry	7.55	6.52	3.97	NA	6.36	6.04
1999	UT	Total Electric Industry	6.27	5.29	3.36	NA	4.21	4.86
1999	VA	Total Electric Industry	7.48	5.55	3.84	NA	5.00	5.86
1999	VT	Total Electric Industry	12.17	10.67	7.35	NA	13.32	10.28
1999	WA	Total Electric Industry	5.10	4.86	2.65	NA	3.66	4.01
1999	WI	Total Electric Industry	7.31	5.88	3.89	NA	7.11	5.53
1999	WV	Total Electric Industry	6.27	5.53	3.80	NA	9.10	5.09
1999	WY	Total Electric Industry	6.34	5.28	3.34	NA	5.27	4.30
1999	US	Total Electric Industry	8.16	7.26	4.43	NA	6.35	6.64
1999	AK	Full-Service Providers	11.16	9.20	7.32	NA	14.16	9.78
1999	AL	Full-Service Providers	7.03	6.54	3.82	NA	7.02	5.54
1999	AR	Full-Service Providers	7.43	5.82	4.12	NA	6.26	5.68
1999	AZ	Full-Service Providers	8.53	7.51	5.04	NA	4.66	7.23
1999	CA	Full-Service Providers	10.71	10.05	7.16	NA	4.16	9.34
1999	CO	Full-Service Providers	7.38	5.61	4.38	NA	8.23	5.95
1999	CT	Full-Service Providers	11.46	9.69	7.42	NA	10.93	9.96
1999	DC	Full-Service Providers	8.00	7.47	4.59	NA	6.55	7.45
1999	DE	Full-Service Providers	9.17	7.39	4.73	NA	13.24	7.12
1999	FL	Full-Service Providers	7.73	6.22	4.77	NA	6.61	6.85
1999	GA	Full-Service Providers	7.56	6.67	4.15	NA	8.47	6.24
1999	HI	Full-Service Providers	14.30	12.74	9.70	NA	12.66	11.97
1999	IA	Full-Service Providers	8.35	6.45	3.89	NA	6.30	5.93
1999	ID	Full-Service Providers	5.26	4.20	2.74	NA	4.47	3.98
1999	IL	Full-Service Providers	8.83	7.39	5.02	NA	5.95	6.98
1999	IN	Full-Service Providers	6.96	6.05	3.89	NA	9.70	5.29
1999	KS	Full-Service Providers	7.64	6.25	4.47	NA	8.91	6.22
1999	KY	Full-Service Providers	5.58	5.27	2.99	NA	4.55	4.17
1999	LA	Full-Service Providers	7.12	6.59			6.20	5.81
1999	MA	Full-Service Providers	10.09	8.90		NA	13.73	9.16
1999	MD	Full-Service Providers	8.39	6.82		NA	8.77	7.04
1999	ME	Full-Service Providers	13.07	10.51	6.42	NA	24.29	9.77
1999	MI	Full-Service Providers	8.73	7.86		NA	10.17	7.14
1999	MN	Full-Service Providers	7.41	6.31	4.56	NA	7.49	5.83
1999	MO	Full-Service Providers	7.12	5.97	4.38	NA	6.26	6.07
1999	MS	Full-Service Providers	6.75	6.19	4.02	NA	7.93	5.65
1999	MT	Full-Service Providers	6.78	6.35	2.84	NA	6.34	5.01
1999	NC	Full-Service Providers	7.99	6.33		NA	6.74	6.44
1999	ND	Full-Service Providers	6.50	6.19		NA	4.23	5.49
1999	NE	Full-Service Providers	6.52	5.44	3.57	NA	6.47	5.31
1999	NH	Full-Service Providers	13.84	11.39		NA	12.78	11.75
1999	NJ	Full-Service Providers	11.40	9.74	7.69	NA	17.43	9.99
1999	NM	Full-Service Providers	8.62	7.53	4.25	NA	5.76	6.58
1999	NV	Full-Service Providers	7.13	6.66	4.77	NA	3.94	5.93
1999	NY	Full-Service Providers	13.32	11.19	4.77	NA	8.74	10.40
1999	ОН	Full-Service Providers	8.68	7.67	4.33	NA	5.96	6.40
1999	OK	Full-Service Providers	6.60	5.58	3.60	NA	4.80	5.37
1999	OR	Full-Service Providers	5.75	4.94	3.55	NA	6.68	4.87
1999	PA	Full-Service Providers	9.19	7.90		NA	9.63	7.67
1999	RI	Full-Service Providers	10.13	8.49	7.39	NA	11.20	9.02
1999	SC	Full-Service Providers	7.55	6.30		NA	5.98	5.57

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
1999	SD	Full-Service Providers	7.42	6.70	4.55	NA	4.17	6.35
1999	TN	Full-Service Providers	6.34	6.29	4.19	NA	8.71	5.63
1999	TX	Full-Service Providers	7.55	6.52	3.97	NA	6.36	6.04
1999	UT	Full-Service Providers	6.27	5.29	3.36	NA	4.21	4.86
1999	VA	Full-Service Providers	7.48	5.55	3.84	NA	5.00	5.86
1999	VT	Full-Service Providers	12.17	10.67	7.35	NA	13.32	10.28
1999	WA	Full-Service Providers	5.10	4.86	2.70	NA	3.66	4.10
1999	WI	Full-Service Providers	7.31	5.88	3.89	NA	7.11	5.53
1999	WV	Full-Service Providers	6.27	5.53	3.80	NA	9.10	5.09
1999	WY	Full-Service Providers	6.34	5.28	3.34	NA	5.27	4.30
1999	US	Full-Service Providers	8.16	7.26	4.43	NA	6.35	6.66
1999	CA	Restructured Retail Service Providers	4.10	3.65	3.00	NA	3.28	3.28
1999	DE	Restructured Retail Service Providers	0.00	4.81	3.17	NA	0.00	3.30
1999	ID	Restructured Retail Service Providers	0.00	0.00	1.55	NA	0.00	1.55
1999	IL	Restructured Retail Service Providers	5.00	2.42	2.14	NA	0.00	2.23
1999	MA	Restructured Retail Service Providers	5.50	3.46	3.85	NA	0.00	3.60
1999	MI	Restructured Retail Service Providers	0.00	0.93	2.94	NA	0.00	2.80
1999	MO	Restructured Retail Service Providers	0.00	2.41	0.00	NA	0.00	2.41
1999	MT	Restructured Retail Service Providers	0.00	0.00	2.25	NA	0.00	2.25
1999	NH	Restructured Retail Service Providers	2.94	2.91	3.29	NA NA	0.00	2.93
1999	NJ	Restructured Retail Service Providers	4.74	3.66	3.91	NA NA	0.00	3.77
1999	NM	Restructured Retail Service Providers	2.69	2.69	2.71	NA NA	0.00	2.71
1999	NY	Restructured Retail Service Providers	3.82	3.85	3.46	NA NA	0.00	3.83
1999	OH	Restructured Retail Service Providers Restructured Retail Service Providers	0.00	0.00	0.00	NA NA	151.19	151.19
1999	OR		0.00	0.00	1.76	NA NA	0.00	1.76
		Restructured Retail Service Providers						
1999	PA	Restructured Retail Service Providers	4.15	3.89	3.86	NA	13.33	3.90
1999	RI	Restructured Retail Service Providers	3.26	3.37	3.18	NA NA	0.00	3.36
1999	WA	Restructured Retail Service Providers	0.00	0.00	2.23	NA	0.00	2.23
1999	US	Restructured Retail Service Providers	8.17	7.26	4.43	NA	6.45	5.81
1999	CA	Energy-Only Providers	4.10	3.65	3.00	NA	3.28	3.28
1999	DE	Energy-Only Providers	0.00	4.81	3.17	NA	0.00	3.30
1999	ID	Energy-Only Providers	0.00	0.00	1.55	NA	0.00	1.55
1999	IL	Energy-Only Providers	5.00	2.42	2.14	NA	0.00	2.23
1999	MA	Energy-Only Providers	5.50	3.46	3.85	NA	0.00	3.60
1999	MI	Energy-Only Providers	0.00	0.93	2.94	NA	0.00	2.80
1999	MO	Energy-Only Providers	0.00	2.41	0.00	NA	0.00	2.41
1999	MT	Energy-Only Providers	0.00	0.00	2.25	NA	0.00	2.25
1999	NH	Energy-Only Providers	2.94	2.91	3.29	NA	0.00	2.93
1999	NJ	Energy-Only Providers	4.74	3.66	3.91	NA	0.00	3.77
1999	NM	Energy-Only Providers	2.69	2.69	2.71	NA	0.00	2.71
1999	NY	Energy-Only Providers	3.82	3.85	3.46	NA	0.00	3.83
1999	ОН	Energy-Only Providers	0.00	0.00	0.00	NA	151.19	151.19
1999	OR	Energy-Only Providers	0.00	0.00	1.76	NA	0.00	1.76
1999	PA	Energy-Only Providers	4.15	3.89	3.86	NA NA	13.33	3.90
1999	RI	Energy-Only Providers	3.26	3.37	3.18	NA NA	0.00	3.36
1999	WA	Energy-Only Providers	0.00	0.00	2.23	NA NA	0.00	2.23
1999	US	Energy-Only Providers	8.17	7.26	4.43	NA NA	6.45	5.81
1998	AK	Total Electric Industry	11.50	9.48	7.17	NA NA	13.68	9.97
1998	AL	Total Electric Industry	6.94	6.54	3.89	NA NA	7.26	5.56
		*						
1998	AR	Total Electric Industry	7.51	5.90	4.16	NA NA	5.98	5.78
1998	AZ	Total Electric Industry	8.68	7.76	5.12	NA NA	4.43	7.33
1998	CA	Total Electric Industry	10.60	9.66	6.59	NA NA	5.06	9.03
1998	CO	Total Electric Industry	7.45	5.67	4.34	NA	7.92	5.95
1998	CT	Total Electric Industry	11.95	10.01			11.65	10.30
1998	DC	Total Electric Industry	8.00	7.43	4.38	NA	6.56	7.41
1998	DE	Total Electric Industry	9.13	7.07	4.65	NA	13.17	6.88
1998	FL	Total Electric Industry	7.89	6.38		NA	6.64	7.01
1998	GA	Total Electric Industry	7.67	7.01	4.23	NA	8.99	6.40
1998	HI	Total Electric Industry	13.82	12.31	9.41	NA	12.28	11.56
1998	IA	Total Electric Industry	8.38	6.67	3.99	NA	6.21	6.04
1998	ID	Total Electric Industry	5.28	4.34	2.77	NA	4.59	4.02
1998	IL	Total Electric Industry	9.85	7.77	5.11	NA	6.80	7.46
1998	IN	Total Electric Industry	7.01	6.08	3.95	NA	9.83	5.34
1998	KS	Total Electric Industry	7.65	6.34	4.46	NA	7.96	6.28
1998	KY	Total Electric Industry	5.61	5.30	2.91	NA	4.67	4.16
1998	LA	Total Electric Industry	7.07	6.56		NA	6.62	5.78
1998	MA	Total Electric Industry	10.60	9.35		NA	14.35	9.59
1998	MD	Total Electric Industry	8.44	6.82	4.14	NA NA	8.82	6.99
1998	ME	Total Electric Industry	13.02	10.33	6.61	NA NA	23.64	9.75
1998	MI	Total Electric Industry	8.67	7.81	5.03	NA NA	10.74	7.09
1998	MN	Total Electric Industry	7.33	6.28		NA NA	7.48	5.71
1998	MO	•	7.33	5.99	4.45	NA NA	6.25	
		Total Electric Industry						6.08
1998	MS	Total Electric Industry	7.03	6.62	4.22	NA NA	8.45	5.98
1998	MT	Total Electric Industry	6.50	5.87	3.19	NA	6.07	4.80
1998	NC	Total Electric Industry	8.01	6.35 6.20		NA NA	6.79 4.27	6.45 5.70
1998	ND	Total Electric Industry	6.49		4.30			

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
1998	NE	Total Electric Industry	6.46	5.45	3.60	NA	6.27	5.30
1998	NH	Total Electric Industry	13.92	11.64	9.42	NA	13.76	11.93
1998	NJ	Total Electric Industry	11.39	10.09	7.94	NA	17.92	10.17
1998	NM	Total Electric Industry	8.85	7.80	4.47	NA	6.11	6.78
1998	NV	Total Electric Industry	7.00	6.50	4.57	NA	4.02	5.76
1998	NY	Total Electric Industry	13.66	11.63	4.95	NA	8.85	10.71
1998	OH	Total Electric Industry	8.70	7.67	4.30	NA	6.07	6.38
1998	OK	Total Electric Industry	6.57	5.66	3.65	NA	4.88	5.43
1998	OR	Total Electric Industry	5.82	5.00	3.50	NA	6.67	4.90
1998	PA	Total Electric Industry	9.93	8.26	5.63	NA	12.45	7.86
1998	RI	Total Electric Industry	10.91	9.26	7.61	NA	11.51	9.58
1998	SC	Total Electric Industry	7.50	6.24	3.69	NA	5.99	5.53
1998	SD	Total Electric Industry	7.27	6.62	4.44	NA	4.28	6.26
1998	TN	Total Electric Industry	6.32	6.28	4.17	NA	8.71	5.62
1998	TX	Total Electric Industry	7.65	6.57	3.94	NA	6.40	6.07
1998	UT	Total Electric Industry	6.84	5.71	3.45	NA	4.50	5.16
1998	VA	Total Electric Industry	7.51	5.61	3.82	NA	4.98	5.88
1998	VT	Total Electric Industry	11.61	10.12	7.27	NA	8.91	9.83
1998	WA	Total Electric Industry	5.03	4.81	2.64	NA	3.61	4.03
1998	WI	Total Electric Industry	7.17	5.87	3.86	NA	7.01	5.44
1998	WV	Total Electric Industry	6.29	5.56	3.78	NA	9.39	5.07
1998	WY	Total Electric Industry	6.28	5.25	3.38	NA	5.15	4.31
1998	US	Total Electric Industry	8.26	7.41	4.48	NA	6.63	6.74
1998	AK	Full-Service Providers	11.50	9.48	7.17	NA	13.68	9.97
1998	AL	Full-Service Providers	6.94	6.54	3.89	NA	7.26	5.56
1998	AR	Full-Service Providers	7.51	5.90	4.16	NA	5.98	5.78
1998	AZ	Full-Service Providers	8.68	7.76	5.12	NA	4.43	7.33
1998	CA	Full-Service Providers	10.60	9.66	6.59	NA	5.06	9.03
1998	CO	Full-Service Providers	7.45	5.67	4.34	NA	7.92	5.95
1998	CT	Full-Service Providers	11.95	10.01	7.70	NA	11.65	10.30
1998	DC	Full-Service Providers	8.00	7.43	4.38	NA	6.56	7.41
1998	DE	Full-Service Providers	9.13	7.07	4.65	NA	13.17	6.88
1998	FL	Full-Service Providers	7.89	6.38	4.81	NA	6.64	7.01
1998	GA	Full-Service Providers	7.67	7.01	4.23	NA	8.99	6.40
1998	HI	Full-Service Providers	13.82	12.31	9.41	NA	12.28	11.56
1998	IA	Full-Service Providers	8.38	6.67	3.99	NA	6.21	6.04
1998	ID	Full-Service Providers	5.28	4.34	2.77	NA	4.59	4.02
1998	IL	Full-Service Providers	9.85	7.77	5.11	NA	6.80	7.46
1998	IN	Full-Service Providers	7.01	6.08	3.95	NA	9.83	5.34
1998	KS	Full-Service Providers	7.65	6.34	4.46	NA	7.96	6.28
1998	KY	Full-Service Providers	5.61	5.30	2.91	NA	4.67	4.16
1998	LA	Full-Service Providers	7.07	6.56	4.15	NA	6.62	5.78
1998	MA	Full-Service Providers	10.60	9.35	8.18	NA	14.35	9.59
1998	MD	Full-Service Providers	8.44	6.82	4.14	NA	8.82	6.99
1998	ME	Full-Service Providers	13.02	10.33	6.61	NA	23.64	9.75
1998	MI	Full-Service Providers	8.67	7.81	5.03	NA	10.74	7.09
1998	MN	Full-Service Providers	7.33	6.28	4.45	NA	7.48	5.71
1998	MO	Full-Service Providers	7.08	5.99	4.43	NA	6.25	6.08
1998	MS	Full-Service Providers	7.03	6.62	4.22	NA	8.45	5.98
1998	MT	Full-Service Providers	6.50	5.87	3.19	NA	6.07	4.80
1998	NC	Full-Service Providers	8.01	6.35	4.63	NA	6.79	6.45
1998	ND	Full-Service Providers	6.49	6.20	4.30	NA	4.27	5.70
1998	NE	Full-Service Providers	6.46	5.45		NA	6.27	5.30
1998	NH	Full-Service Providers	13.92	11.64		NA	13.76	11.93
1998	NJ	Full-Service Providers	11.39	10.09		NA	17.92	10.17
1998	NM	Full-Service Providers	8.85	7.80		NA	6.11	6.78
1998	NV	Full-Service Providers	7.00	6.50		NA	4.02	5.76
1998	NY	Full-Service Providers	13.66	11.63		NA	8.85	10.71
1998	OH	Full-Service Providers	8.70	7.67	4.30	NA	6.07	6.38
1998	OK	Full-Service Providers	6.57	5.66		NA	4.88	5.43
1998	OR	Full-Service Providers	5.82	5.00	3.50	NA	6.67	4.90
1998	PA	Full-Service Providers	9.93	8.26	5.63	NA	12.45	7.86
1998	RI	Full-Service Providers	10.91	9.26		NA	11.51	9.58
1998	SC	Full-Service Providers	7.50	6.24	3.69	NA	5.99	5.53
1998	SD	Full-Service Providers	7.27	6.62	4.44	NA	4.28	6.26
1998	TN	Full-Service Providers	6.32	6.28	4.17	NA	8.71	5.62
1998	TX	Full-Service Providers	7.65	6.57	3.94	NA	6.40	6.07
1998	UT	Full-Service Providers	6.84	5.71	3.45	NA	4.50	5.16
1998	VA	Full-Service Providers	7.51	5.61	3.82	NA	4.98	5.88
1998	VT	Full-Service Providers	11.61	10.12	7.27	NA	8.91	9.83
1998	WA	Full-Service Providers	5.03	4.81	2.64	NA	3.61	4.03
1998	WI	Full-Service Providers	7.17	5.87	3.86	NA	7.01	5.44
1998	WV	Full-Service Providers	6.29	5.56	3.78	NA	9.39	5.07
1998	WY	Full-Service Providers	6.28	5.25	3.38	NA	5.15	4.31
1998	US	Full-Service Providers	8.26	7.41	4.48	NA	6.63	6.74
1998	CA	Restructured Retail Service Providers	8.26	7.41	4.48	NA	0.00	6.63

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
1998	ID	Restructured Retail Service Providers	0.00	0.00	4.48	NA	0.00	4.48
1998	IL	Restructured Retail Service Providers	8.26	7.41	4.48	NA	0.00	5.34
1998	MO	Restructured Retail Service Providers	0.00	7.41	0.00	NA	0.00	7.41
1998	MT	Restructured Retail Service Providers	0.00	0.00	4.48	NA	0.00	4.48
1998	NH	Restructured Retail Service Providers	8.26	7.41	4.48	NA	0.00	7.10
1998	NY	Restructured Retail Service Providers	8.26	7.41	4.48	NA	0.00	7.38
1998	OR	Restructured Retail Service Providers	8.26	7.41	4.48	NA	0.00	4.90
1998	PA	Restructured Retail Service Providers	8.26	7.41	4.48	NA	0.00	6.76
1998	RI	Restructured Retail Service Providers	8.26	0.00	4.48	NA	0.00	4.56
1998	WA	Restructured Retail Service Providers	0.00	7.41	4.48	NA	0.00	4.49
1998	US	Restructured Retail Service Providers	8.26	7.41	4.48	NA	0.00	6.15
1998	CA	Energy-Only Providers	8.26	7.41	4.48	NA	0.00	6.63
1998	ID	Energy-Only Providers	0.00	0.00	4.48	NA	0.00	4.48
1998	IL	Energy-Only Providers	8.26	7.41	4.48	NA	0.00	5.34
1998	MO	Energy-Only Providers	0.00	7.41	0.00	NA	0.00	7.41
1998	MT	Energy-Only Providers	0.00	0.00	4.48	NA	0.00	4.48
1998	NH	Energy-Only Providers	8.26	7.41	4.48	NA	0.00	7.10
1998	NY	Energy-Only Providers	8.26	7.41	4.48	NA	0.00	7.38
1998	OR	Energy-Only Providers	8.26	7.41	4.48	NA	0.00	4.90
1998	PA	Energy-Only Providers	8.26	7.41	4.48	NA	0.00	6.76
1998	RI	Energy-Only Providers	8.26	0.00	4.48	NA	0.00	4.56
1998	WA	Energy-Only Providers	0.00	7.41	4.48	NA	0.00	4.49
1998	US	Energy-Only Providers	8.26	7.41	4.48	NA	0.00	6.15
1997	AK	Total Electric Industry	11.44	9.51	7.48	NA NA	14.75	10.07
1997	AL	Total Electric Industry	6.74	6.34	3.71	NA NA	6.47	5.33
1997	AR	Total Electric Industry	7.80	6.78	4.45	NA NA	6.61	6.15
1997	AZ	Total Electric Industry	8.82	7.83	5.05	NA NA	4.84	7.38
1997	CA	Total Electric Industry	11.50	9.98	6.95	NA NA	7.50	9.54
1997	CO	Total Electric Industry	7.42	5.77	4.28	NA NA	8.00	5.95
1997	CT	Total Electric Industry	12.13	10.28	7.76	NA NA	14.52	10.52
1997	DC	Total Electric Industry Total Electric Industry	7.87	7.43	4.42	NA NA	6.54	7.39
1997	DE	Total Electric Industry	9.22	7.43	4.42	NA NA	12.45	7.00
1997	FL	Total Electric Industry	8.08	6.62	5.04	NA NA	6.80	7.19
1997	GA	•	7.74	7.11	4.13	NA NA	9.05	6.37
1997	HI	Total Electric Industry		13.26	10.32	NA NA	13.20	12.49
	IA	Total Electric Industry	14.80 8.21	6.61	3.95	NA NA	6.09	5.97
1997		Total Electric Industry						
1997	ID	Total Electric Industry	5.15	4.17	2.60	NA NA	4.68	3.87
1997	IL.	Total Electric Industry	10.43	7.93	5.29	NA	6.84	7.71
1997	IN	Total Electric Industry	6.94	6.04	3.91	NA NA	9.44	5.29
1997	KS	Total Electric Industry	7.71	6.47	4.51	NA	5.97	6.31
1997	KY	Total Electric Industry	5.58	5.29	2.80	NA	4.64	4.03
1997	LA	Total Electric Industry	7.39	6.99	4.39	NA	6.48	5.99
1997	MA	Total Electric Industry	11.59	10.29	8.78	NA	14.49	10.48
1997	MD	Total Electric Industry	8.33	6.86	4.21	NA	8.80	6.98
1997	ME	Total Electric Industry	12.75	10.39	6.36	NA	23.23	9.51
1997	MI	Total Electric Industry	8.57	7.84	4.97	NA	10.88	7.04
1997	MN	Total Electric Industry	7.23	6.23	4.33	NA	7.12	5.61
1997	MO	Total Electric Industry	7.09	6.00	4.46	NA	6.77	6.09
1997	MS	Total Electric Industry	7.02	6.69	4.12	NA	8.61	5.91
1997	MT	Total Electric Industry	6.40	5.80	3.66	NA	6.68	5.20
1997	NC	Total Electric Industry	8.03	6.43	4.71	NA	6.78	6.48
1997	ND	Total Electric Industry	6.27	6.15	4.38	NA	4.27	5.65
1997	NE	Total Electric Industry	6.38	5.46		NA	6.19	5.30
1997	NH	Total Electric Industry	13.67	11.35			14.06	
1997	NJ	Total Electric Industry	12.08	10.35	8.11	NA	18.35	10.54
1997	NM	Total Electric Industry	8.92	7.92		NA	6.17	6.80
1997	NV	Total Electric Industry	6.77	6.31	4.48		3.83	5.60
1997	NY	Total Electric Industry	14.12	12.13	5.20	NA	9.17	11.13
1997	ОН	Total Electric Industry	8.63	7.67	4.16	NA	6.12	6.25
1997	OK	Total Electric Industry	6.63	5.73	3.63	NA	4.76	5.42
1997	OR	Total Electric Industry	5.56	4.97	3.23	NA	6.44	4.61
1997	PA	Total Electric Industry	9.90	8.41	5.89	NA	11.71	7.99
1997	RI	Total Electric Industry	12.12	10.40	8.52	NA	12.35	10.70
1997	SC	Total Electric Industry	7.51	6.33		NA	6.04	5.50
1997	SD	Total Electric Industry	7.08	6.63	4.42	NA	4.72	6.22
1997	TN	Total Electric Industry	6.03	5.91	3.81	NA NA	7.88	5.31
1997	TX	Total Electric Industry	7.82	6.74			6.45	6.17
1997	UT	Total Electric Industry	6.89	5.72	3.49		4.34	5.17
1997	VA	Total Electric Industry	7.75	5.97	4.00	NA NA	5.14	6.14
1997	VT	Total Electric Industry	11.45	10.33		NA NA	9.56	
1997	WA	Total Electric Industry	4.95	4.79			4.06	4.04
1997	WI	Total Electric Industry	6.88	5.60	3.72	NA NA	6.77	5.22
1997	WV	Total Electric Industry	6.26	5.54	3.71	NA NA	8.71	5.02
1997	WY	Total Electric Industry Total Electric Industry	6.20	5.54	3.46		5.84	4.33
1997	US	Total Electric Industry	8.43	7.59			6.91	6.85
1997	AK	Full-Service Providers	11.44	9.51			14.75	
ופפו	M	T UIT-SELVICE FTOVIUEIS	11.44	9.51	7.48	NA	14.75	10.07

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
1997	AL	Full-Service Providers	6.74	6.34	3.71	NA	6.47	5.33
1997	AR	Full-Service Providers	7.80	6.78	4.45	NA	6.61	6.15
1997	AZ	Full-Service Providers	8.82	7.83	5.05	NA	4.84	7.38
1997	CA	Full-Service Providers	11.50	9.98	6.95	NA	7.50	9.54
1997	CO	Full-Service Providers	7.42	5.77	4.28	NA	8.00	5.95
1997	CT	Full-Service Providers	12.13	10.28	7.76	NA	14.52	10.52
1997	DC	Full-Service Providers	7.87	7.43	4.42	NA	6.54	7.39
1997	DE	Full-Service Providers	9.22	7.19	4.82	NA	12.45	7.00
1997	FL	Full-Service Providers	8.08	6.62	5.04	NA	6.80	7.19
1997	GA	Full-Service Providers	7.74	7.11	4.13	NA	9.05	6.37
1997	HI	Full-Service Providers	14.80	13.26	10.32	NA	13.20	12.49
1997	IA	Full-Service Providers	8.21	6.61	3.95	NA	6.09	5.97
1997	ID	Full-Service Providers	5.15	4.17	2.60	NA	4.68	3.87
1997	IL	Full-Service Providers	10.43	7.93	5.29	NA	6.84	7.71
1997	IN	Full-Service Providers	6.94	6.04	3.91	NA	9.44	5.29
1997	KS	Full-Service Providers	7.71	6.47	4.51	NA	5.97	6.31
1997	KY	Full-Service Providers	5.58	5.29	2.80	NA	4.64	4.03
1997	LA	Full-Service Providers	7.39	6.99	4.39	NA	6.48	5.99
1997	MA	Full-Service Providers	11.59	10.29	8.78	NA	14.49	10.48
1997	MD	Full-Service Providers	8.33	6.86	4.21	NA	8.80	6.98
1997	ME	Full-Service Providers	12.75	10.39	6.36	NA	23.23	9.51
1997	MI	Full-Service Providers	8.57	7.84	4.97	NA	10.88	7.04
1997	MN	Full-Service Providers	7.23	6.23	4.33	NA	7.12	5.61
1997	MO	Full-Service Providers	7.09	6.00	4.46	NA	6.77	6.09
1997	MS	Full-Service Providers	7.02	6.69	4.12	NA	8.61	5.91
1997	MT	Full-Service Providers	6.40	5.80	3.66	NA	6.68	5.20
1997	NC	Full-Service Providers	8.03	6.43	4.71	NA	6.78	6.48
1997	ND	Full-Service Providers	6.27	6.15	4.38	NA	4.27	5.65
1997	NE	Full-Service Providers	6.38	5.46	3.61	NA	6.19	5.30
1997	NH	Full-Service Providers	13.67	11.35	9.06	NA	14.06	11.66
1997	NJ	Full-Service Providers	12.08	10.35	8.11	NA	18.35	10.54
1997	NM	Full-Service Providers	8.92	7.92	4.42	NA	6.17	6.80
1997	NV	Full-Service Providers	6.77	6.31	4.48	NA	3.83	5.60
1997	NY	Full-Service Providers	14.12	12.13	5.20	NA	9.17	11.13
1997	OH	Full-Service Providers	8.63	7.67	4.16	NA	6.12	6.25
1997	OK	Full-Service Providers	6.63	5.73	3.63	NA	4.76	5.42
1997	OR	Full-Service Providers	5.56	4.97	3.23	NA	6.44	4.61
1997	PA	Full-Service Providers	9.90	8.41	5.89	NA	11.71	7.99
1997	RI	Full-Service Providers	12.12	10.40	8.52	NA	12.35	10.70
1997	SC	Full-Service Providers	7.51	6.33	3.71	NA	6.04	5.50
1997	SD	Full-Service Providers	7.08	6.63	4.42	NA	4.72	6.22
1997	TN	Full-Service Providers	6.03	5.91	3.81	NA	7.88	5.31
1997	TX	Full-Service Providers	7.82	6.74	4.05	NA	6.45	6.17
1997	UT	Full-Service Providers	6.89	5.72	3.49	NA	4.34	5.17
1997	VA	Full-Service Providers	7.75	5.97	4.00	NA	5.14	6.14
1997	VT	Full-Service Providers	11.45	10.33	7.44	NA	9.56	9.89
1997	WA	Full-Service Providers	4.95	4.79	2.59	NA	4.06	4.04
1997	WI	Full-Service Providers	6.88	5.60	3.72	NA	6.77	5.22
1997	WV	Full-Service Providers	6.26	5.54	3.71	NA	8.71	5.02
1997	WY	Full-Service Providers	6.22	5.27	3.46	NA	5.84	4.33
1997	US	Full-Service Providers	8.43	7.59	4.53	NA	6.91	6.85
1997	CA	Restructured Retail Service Providers	0.00	7.59	0.00	NA	0.00	7.59
1997	ID	Restructured Retail Service Providers	0.00	0.00		NA	0.00	4.53
1997	IL	Restructured Retail Service Providers	8.43	7.59			0.00	
1997	MA	Restructured Retail Service Providers	8.43	0.00		NA	0.00	4.60
1997	MO	Restructured Retail Service Providers	0.00	7.59		NA	0.00	7.59
1997	NH	Restructured Retail Service Providers	8.43	7.59		NA	0.00	6.61
1997	NY	Restructured Retail Service Providers	8.43	7.59		NA	0.00	6.59
1997	OR	Restructured Retail Service Providers	0.00	7.59		NA	0.00	4.53
1997	PA	Restructured Retail Service Providers	8.43	7.59		NA	0.00	6.27
1997	RI	Restructured Retail Service Providers	0.00	7.59		NA	0.00	7.24
1997	WA	Restructured Retail Service Providers	0.00	7.59		NA	0.00	4.55
1997	US	Restructured Retail Service Providers	8.43	7.59		NA	0.00	
1997	CA	Energy-Only Providers	0.00	7.59		NA	0.00	7.59
1997	ID	Energy-Only Providers	0.00	0.00		NA	0.00	4.53
1997	IL	Energy-Only Providers	8.43	7.59		NA	0.00	4.82
1997	MA	Energy-Only Providers	8.43	0.00	4.53	NA	0.00	4.60
1997	MO	Energy-Only Providers	0.00	7.59		NA	0.00	7.59
1997	NH	Energy-Only Providers	8.43	7.59	4.53	NA	0.00	6.61
1997	NY	Energy-Only Providers	8.43	7.59	4.53	NA	0.00	6.59
1997	OR	Energy-Only Providers	0.00	7.59	4.53	NA	0.00	4.53
1997	PA	Energy-Only Providers	8.43	7.59	4.53	NA	0.00	6.27
1997	RI	Energy-Only Providers	0.00	7.59	4.53	NA	0.00	7.24
1997	WA	Energy-Only Providers	0.00	7.59		NA	0.00	4.55
1997	US	Energy-Only Providers	8.43	7.59		NA	0.00	
1996	AK	Total Electric Industry	11.36	9.58		NA	13.34	
		· ·						

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
1996	AL	Total Electric Industry	6.63	6.49	3.90	NA	6.82	5.35
1996	AR	Total Electric Industry	7.77	6.74	4.47	NA	6.58	6.15
1996	AZ	Total Electric Industry	8.95	7.97	5.19	NA	5.39	7.54
1996	CA	Total Electric Industry	11.33	9.83	6.97	NA	6.45	9.48
1996	CO	Total Electric Industry	7.49	5.93	4.35	NA	7.69	6.05
1996	СТ	Total Electric Industry	12.05	10.29	7.86	NA	14.35	10.51
1996	DC	Total Electric Industry	7.77	7.40	4.36	NA NA	6.41	7.35
1996	DE	Total Electric Industry	8.97	7.00	4.68	NA NA	12.04	6.88
1996	FL	*	7.99	6.63	5.11	NA NA	6.80	7.18
		Total Electric Industry						
1996	GA	Total Electric Industry	7.66	7.17	4.29	NA	8.96	6.43
1996	HI	Total Electric Industry	14.26	12.99	10.03	NA	12.91	12.12
1996	IA	Total Electric Industry	8.16	6.53	3.91	NA	5.98	5.94
1996	ID	Total Electric Industry	5.28	4.26	2.68	NA	4.79	3.96
1996	IL	Total Electric Industry	10.34	7.97	5.24	NA	6.84	7.69
1996	IN	Total Electric Industry	6.77	5.94	3.93	NA	9.19	5.23
1996	KS	Total Electric Industry	7.86	6.67	4.70	NA	9.10	6.52
1996	KY	Total Electric Industry	5.55	5.19	2.92	NA	4.66	4.03
1996	LA	Total Electric Industry	7.55	7.12	4.32	NA	7.78	6.07
1996	MA	Total Electric Industry	11.25	9.94	8.43	NA NA	14.53	10.13
1996	MD	Total Electric Industry	8.26	6.83	4.15	NA NA	8.64	6.96
		*						
1996	ME	Total Electric Industry	12.58	10.35	6.26	NA	23.03	9.46
1996	MI	Total Electric Industry	8.47	7.94	5.08	NA	10.84	7.10
1996	MN	Total Electric Industry	7.13	6.14	4.26	NA	7.26	5.54
1996	MO	Total Electric Industry	7.08	6.04	4.44	NA	7.03	6.11
1996	MS	Total Electric Industry	7.04	7.09	4.41	NA	8.68	6.01
1996	MT	Total Electric Industry	6.22	5.51	3.30	NA	6.42	4.72
1996	NC	Total Electric Industry	8.05	6.39	4.79	NA	7.02	6.53
1996	ND	Total Electric Industry	6.19	6.07	4.44	NA	4.14	5.65
1996	NE	Total Electric Industry	6.29	5.49	3.68	NA	6.49	5.32
1996	NH	Total Electric Industry	13.44	11.32	9.16	NA	13.34	11.59
1996	NJ	Total Electric Industry	11.99	10.32	8.15	NA NA	18.29	10.50
1996	NM	Total Electric Industry	8.93			NA NA		6.76
		•		7.93	4.35		5.93	
1996	NV	Total Electric Industry	6.90	6.61	4.90	NA	4.56	5.95
1996	NY	Total Electric Industry	14.04	12.08	5.62	NA	9.13	11.13
1996	OH	Total Electric Industry	8.60	7.71	4.21	NA	6.28	6.30
1996	OK	Total Electric Industry	6.71	5.80	3.78	NA	5.08	5.56
1996	OR	Total Electric Industry	5.69	5.15	3.41	NA	5.74	4.77
1996	PA	Total Electric Industry	9.73	8.34	5.93	NA	11.29	7.96
1996	RI	Total Electric Industry	11.81	10.14	8.51	NA	11.82	10.48
1996	SC	Total Electric Industry	7.50	6.38	3.89	NA	6.03	5.67
1996	SD	Total Electric Industry	7.00	6.57	4.45	NA	4.59	6.18
1996	TN	Total Electric Industry	5.88	6.64	4.52	NA NA	7.96	5.24
1996	TX	Total Electric Industry	7.77	6.71	4.03	NA NA	6.44	6.16
		•						
1996	UT	Total Electric Industry	6.96	5.90	3.70	NA	4.45	5.28
1996	VA	Total Electric Industry	7.60	5.91	3.99	NA	5.26	6.09
1996	VT	Total Electric Industry	10.99	10.14	7.58	NA	12.96	9.74
1996	WA	Total Electric Industry	5.03	4.88	2.85	NA	3.84	4.19
1996	WI	Total Electric Industry	6.88	5.68	3.66	NA	6.79	5.25
1996	WV	Total Electric Industry	6.38	5.71	3.91	NA	9.27	5.21
1996	WY	Total Electric Industry	6.13	5.08	3.45	NA	7.22	4.31
1996	US	Total Electric Industry	8.36	7.64	4.60	NA	6.91	6.86
1996	AK	Full-Service Providers	11.36	9.58	8.47	NA NA	13.34	10.24
1996	AL	Full-Service Providers	6.63	6.49		NA NA	6.82	5.35
1996	AR	Full-Service Providers	7.77	6.74		NA NA	6.58	6.15
1996	AZ	Full-Service Providers	8.95	7.97	5.19	NA NA	5.39	7.54
1996	CA	Full-Service Providers	11.33	9.83	6.97	NA	6.45	9.48
1996	CO	Full-Service Providers	7.49	5.93	4.35	NA	7.69	6.05
1996	CT	Full-Service Providers	12.05	10.29	7.86	NA	14.35	10.51
1996	DC	Full-Service Providers	7.77	7.40	4.36	NA	6.41	7.35
1996	DE	Full-Service Providers	8.97	7.00	4.68	NA	12.04	6.88
1996	FL	Full-Service Providers	7.99	6.63	5.11	NA	6.80	7.18
1996	GA	Full-Service Providers	7.66	7.17	4.29	NA	8.96	6.43
1996	HI	Full-Service Providers	14.26	12.99		NA	12.91	12.12
1996	IA	Full-Service Providers	8.16	6.53	3.91	NA NA	5.98	5.94
1996	ID	Full-Service Providers	5.28	4.26	2.68	NA NA	4.79	3.96
1996			10.34	7.97	5.24	NA NA	6.84	
	IL.	Full-Service Providers						7.69
1996	IN	Full-Service Providers	6.77	5.94	3.93	NA	9.19	5.23
1996	KS	Full-Service Providers	7.86	6.67	4.70	NA	9.10	6.52
1996	KY	Full-Service Providers	5.55	5.19	2.92	NA	4.66	4.03
1996	LA	Full-Service Providers	7.55	7.12	4.32	NA	7.78	6.07
1996	MA	Full-Service Providers	11.25	9.94	8.43	NA	14.53	10.13
1996	MD	Full-Service Providers	8.26	6.83	4.15	NA	8.64	6.96
1996	ME	Full-Service Providers	12.58	10.35	6.26	NA NA	23.03	9.46
1996	MI	Full-Service Providers	8.47	7.94	5.08	NA NA	10.84	7.10
1996	MN	Full-Service Providers	7.13	6.14	4.26	NA NA	7.26	5.54
1996	MO	Full-Service Providers	7.08	6.04	4.44	NA	7.03	6.11

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
1996	MS	Full-Service Providers	7.04	7.09	4.41	NA	8.68	6.01
1996	MT	Full-Service Providers	6.22	5.51	3.30	NA	6.42	4.72
1996	NC	Full-Service Providers	8.05	6.39	4.79	NA	7.02	6.53
1996	ND	Full-Service Providers	6.19	6.07	4.44	NA	4.14	5.65
1996	NE	Full-Service Providers	6.29	5.49	3.68	NA	6.49	5.32
1996	NH	Full-Service Providers	13.44	11.32	9.16	NA	13.34	11.59
1996	NJ	Full-Service Providers	11.99	10.32	8.15	NA NA	18.29	10.50
1996	NM	Full-Service Providers	8.93	7.93	4.35	NA NA	5.93	6.76
1996	NV	Full-Service Providers	6.90	6.61	4.90	NA	4.56	5.95
1996	NY	Full-Service Providers	14.04	12.08	5.62	NA	9.13	11.13
1996	OH	Full-Service Providers	8.60	7.71	4.21	NA	6.28	6.30
1996	OK	Full-Service Providers	6.71	5.80	3.78	NA	5.08	5.56
1996	OR	Full-Service Providers	5.69	5.15	3.41	NA	5.74	4.77
1996	PA	Full-Service Providers	9.73	8.34	5.93	NA	11.29	7.96
1996	RI	Full-Service Providers	11.81	10.14	8.51	NA	11.82	10.48
1996	SC	Full-Service Providers	7.50	6.38	3.89	NA NA	6.03	5.67
1996	SD	Full-Service Providers	7.00	6.57	4.45	NA NA	4.59	6.18
1996	TN	Full-Service Providers	5.88	6.64	4.52	NA	7.96	5.24
1996	TX	Full-Service Providers	7.77	6.71	4.03	NA	6.44	6.16
1996	UT	Full-Service Providers	6.96	5.90	3.70	NA	4.45	5.28
1996	VA	Full-Service Providers	7.60	5.91	3.99	NA	5.26	6.09
1996	VT	Full-Service Providers	10.99	10.14	7.58	NA	12.96	9.74
1996	WA	Full-Service Providers	5.03	4.88	2.85	NA	3.84	4.19
1996	WI	Full-Service Providers	6.88	5.68	3.66	NA NA	6.79	5.25
1996	WV	Full-Service Providers	6.38	5.71	3.91	NA NA	9.27	5.21
1996	WY	Full-Service Providers	6.13	5.08	3.45	NA	7.22	4.31
1996	US	Full-Service Providers	8.36	7.64	4.60	NA	6.91	6.86
1996	US	Restructured Retail Service Providers	9.43	9.75	4.61	NA	0.00	4.64
1996	US	Energy-Only Providers	9.43	9.75	4.61	NA	0.00	4.64
1995	AK	Total Electric Industry	11.24	9.54	8.38	NA	13.26	10.17
1995	AL	Total Electric Industry	6.71	6.73	4.05	NA	7.35	5.47
1995	AR	Total Electric Industry	7.98	6.83	4.51	NA	6.65	6.27
1995	AZ	Total Electric Industry	9.09	8.06	5.26	NA	5.15	7.62
1995	CA	•		10.49		NA NA	6.73	9.91
		Total Electric Industry	11.61		7.37			
1995	CO	Total Electric Industry	7.42	6.07	4.52	NA	7.87	6.12
1995	CT	Total Electric Industry	11.95	10.33	7.94	NA	14.38	10.50
1995	DC	Total Electric Industry	7.62	7.15	4.36	NA	6.33	7.12
1995	DE	Total Electric Industry	9.09	7.08	4.72	NA	11.95	6.91
1995	FL	Total Electric Industry	7.82	6.39	5.16	NA	6.69	7.01
1995	GA	Total Electric Industry	7.85	7.32	4.52	NA	8.60	6.62
1995	HI	Total Electric Industry	13.32	12.16	9.27	NA	12.11	11.29
1995	IA	Total Electric Industry	8.24	6.44	3.94	NA NA	6.13	6.03
		•						
1995	ID	Total Electric Industry	5.33	4.48	2.81	NA	5.13	4.09
1995	IL	Total Electric Industry	10.37	7.88	5.27	NA	6.80	7.69
1995	IN	Total Electric Industry	6.74	5.92	3.94	NA	9.12	5.24
1995	KS	Total Electric Industry	7.92	6.68	4.82	NA	9.21	6.56
1995	KY	Total Electric Industry	5.62	5.25	2.93	NA	4.68	4.07
1995	LA	Total Electric Industry	7.23	6.77	3.97	NA	6.97	5.75
1995	MA	Total Electric Industry	11.26	9.93	8.41	NA NA	14.31	10.12
1995	MD	Total Electric Industry	8.43	6.91	4.23	NA NA	8.79	7.06
1995	ME	Total Electric Industry	12.51	10.28	6.65	NA NA	15.67	9.49
		•						
1995	MI	Total Electric Industry	8.34	7.86	5.13	NA	10.71	7.05
1995	MN	Total Electric Industry	7.17	6.19	4.30	NA	7.21	5.58
1995	MO	Total Electric Industry	7.25	6.18			7.05	6.25
1995	MS	Total Electric Industry	6.99	7.01	4.44	NA	8.56	5.98
1995	MT	Total Electric Industry	6.09	5.31	3.44	NA	6.21	4.65
1995	NC	Total Electric Industry	8.12	6.47	4.85	NA	7.21	6.58
1995	ND	Total Electric Industry	6.23	6.20	4.50	NA	4.21	5.71
1995	NE	Total Electric Industry	6.37	5.56	3.84	NA NA	5.86	5.40
1995	NH	Total Electric Industry	13.50	11.38	9.56	NA NA	12.32	11.72
		,						
1995	NJ	Total Electric Industry	11.98	10.23	8.15	NA	18.07	10.44
1995	NM	Total Electric Industry	8.93	7.91	4.40	NA	5.95	6.77
1995	NV	Total Electric Industry	7.11	6.75		NA	5.00	6.10
1995	NY	Total Electric Industry	13.90	11.92	5.79	NA	9.07	11.06
1995	ОН	Total Electric Industry	8.60	7.68	4.17	NA	6.26	6.24
1995	OK	Total Electric Industry	6.82	5.78	3.75	NA	4.93	5.57
1995	OR	Total Electric Industry	5.49	5.06		NA	5.49	4.67
1995	PA	Total Electric Industry	9.72	8.33	5.92	NA NA	11.29	7.93
		•		10.08		NA NA		
1995	RI	Total Electric Industry	11.47		8.87		11.44	10.38
1995	SC	Total Electric Industry	7.53	6.35	4.00	NA	5.87	5.69
1995	SD	Total Electric Industry	7.08	6.55	4.43	NA	4.58	6.20
1995	TN	Total Electric Industry	5.91	6.65	4.50	NA	7.56	5.21
1995	TX	Total Electric Industry	7.71	6.64	3.98	NA	6.44	6.10
1995	UT	Total Electric Industry	6.94	5.92	3.72	NA	4.46	5.30
1995	VA	Total Electric Industry	7.84	6.07	4.16	NA	5.21	6.26
1995	VT	Total Electric Industry	10.52	9.80		NA NA	14.03	9.46
.000	• •	. Stat E. Courio irradotty	10.32	3.00	7.50	INA	14.03	3.40

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
1995	WA	Total Electric Industry	4.97	4.82	2.96	NA	3.75	4.10
1995	WI	Total Electric Industry	6.97	5.78	3.78	NA	6.85	5.36
1995	WV	Total Electric Industry	6.50	5.86	4.03	NA	9.36	5.34
1995	WY	Total Electric Industry	6.09	5.11	3.50	NA	7.16	4.32
1995	US	Total Electric Industry	8.40	7.69	4.66	NA	6.88	6.89
1995	AK	Full-Service Providers	11.24	9.54	8.38	NA	13.26	10.17
1995	AL	Full-Service Providers	6.71	6.73	4.05	NA	7.35	5.47
1995	AR	Full-Service Providers	7.98	6.83	4.51	NA	6.65	6.27
1995	AZ	Full-Service Providers	9.09	8.06	5.26	NA	5.15	7.62
1995	CA	Full-Service Providers	11.61	10.49	7.37	NA	6.73	9.91
1995	CO	Full-Service Providers	7.42	6.07	4.52	NA	7.87	6.12
1995	CT	Full-Service Providers	11.95	10.33	7.94	NA	14.38	10.50
1995	DC	Full-Service Providers	7.62	7.15	4.36	NA	6.33	7.12
1995	DE	Full-Service Providers	9.09	7.08	4.72	NA	11.95	6.91
1995	FL	Full-Service Providers	7.82	6.39	5.16	NA	6.69	7.01
1995	GA	Full-Service Providers	7.85	7.32	4.52	NA	8.60	6.62
1995	HI	Full-Service Providers	13.32	12.16		NA	12.11	11.29
1995	IA	Full-Service Providers	8.24	6.44	3.94	NA	6.13	6.03
1995	ID	Full-Service Providers	5.33	4.48	2.81	NA	5.13	4.09
1995	IL	Full-Service Providers	10.37	7.88	5.27	NA	6.80	7.69
1995	IN	Full-Service Providers	6.74	5.92	3.94	NA	9.12	5.24
1995	KS	Full-Service Providers	7.92	6.68	4.82	NA	9.21	6.56
1995	KY	Full-Service Providers	5.62	5.25	2.93	NA	4.68	4.07
1995	LA	Full-Service Providers	7.23	6.77	3.97	NA	6.97	5.75
1995	MA	Full-Service Providers	11.26	9.93	8.41	NA	14.31	10.12
1995	MD	Full-Service Providers	8.43	6.91	4.23	NA	8.79	7.06
1995	ME	Full-Service Providers	12.51	10.28	6.65	NA	15.67	9.49
1995	MI	Full-Service Providers	8.34	7.86	5.13	NA	10.71	7.05
1995	MN	Full-Service Providers	7.17	6.19	4.30	NA	7.21	5.58
1995	MO	Full-Service Providers	7.25	6.18	4.53	NA	7.05	6.25
1995	MS	Full-Service Providers	6.99	7.01	4.44	NA	8.56	5.98
1995	MT	Full-Service Providers	6.09	5.31	3.44	NA	6.21	4.65
1995	NC	Full-Service Providers	8.12	6.47	4.85	NA	7.21	6.58
1995	ND	Full-Service Providers	6.23	6.20	4.50	NA	4.21	5.71
1995	NE	Full-Service Providers	6.37	5.56	3.84	NA	5.86	5.40
1995	NH	Full-Service Providers	13.50	11.38	9.56	NA	12.32	11.72
1995	NJ	Full-Service Providers	11.98	10.23	8.15	NA	18.07	10.44
1995	NM	Full-Service Providers	8.93	7.91	4.40	NA	5.95	6.77
1995	NV	Full-Service Providers	7.11	6.75	5.05	NA	5.00	6.10
1995	NY	Full-Service Providers	13.90	11.92	5.79	NA	9.07	11.06
1995	OH	Full-Service Providers	8.60	7.68	4.17	NA	6.26	6.24
1995	OK	Full-Service Providers	6.82	5.78	3.75	NA	4.93	5.57
1995	OR	Full-Service Providers	5.49	5.06	3.47	NA	5.49	4.67
1995	PA	Full-Service Providers	9.72	8.33	5.92	NA	11.29	7.93
1995	RI	Full-Service Providers	11.47	10.08	8.87	NA	11.44	10.38
1995	SC	Full-Service Providers	7.53	6.35	4.00	NA	5.87	5.69
1995	SD	Full-Service Providers	7.08	6.55	4.43	NA	4.58	6.20
1995	TN	Full-Service Providers	5.91	6.65	4.50	NA	7.56	5.21
1995	TX	Full-Service Providers	7.71	6.64	3.98	NA	6.44	6.10
1995	UT	Full-Service Providers	6.94	5.92	3.72	NA	4.46	5.30
1995	VA	Full-Service Providers	7.84	6.07	4.16	NA	5.21	6.26
1995	VT	Full-Service Providers	10.52	9.80	7.56	NA	14.03	9.46
1995	WA	Full-Service Providers	4.97	4.82		NA	3.75	4.10
1995	WI	Full-Service Providers	6.97	5.78			6.85	5.36
1995	WV	Full-Service Providers	6.50	5.86	4.03	NA	9.36	5.34
1995	WY	Full-Service Providers	6.09	5.11	3.50	NA	7.16	4.32
1995	US	Full-Service Providers	8.40	7.69		NA	6.88	6.89
1994	AK	Total Electric Industry	11.32	9.66		NA	12.57	10.25
1994	AL	Total Electric Industry	6.69	6.76		NA	6.28	5.48
1994	AR	Total Electric Industry	8.07	6.88		NA	6.46	6.35
1994	AZ	Total Electric Industry	9.30	8.32	5.63	NA	5.47	7.93
1994	CA	Total Electric Industry	11.43	10.90	7.09	NA	5.00	9.78
1994	CO	Total Electric Industry	7.36	6.00		NA	7.43	6.07
1994	CT	Total Electric Industry	11.47	9.99		NA	14.00	10.18
1994	DC	Total Electric Industry	7.47	7.15		NA	6.72	7.12
1994	DE	Total Electric Industry	8.91	7.00		NA	11.17	6.78
1994	FL	Total Electric Industry	7.78	6.35		NA	6.72	6.96
1994	GA	Total Electric Industry	7.72	7.33	4.57	NA	8.71	6.57
1994	HI	Total Electric Industry	12.45	11.67	8.82	NA	11.21	10.68
1994	IA	Total Electric Industry	8.09	6.32	3.88	NA	5.96	5.92
1994	ID	Total Electric Industry	5.09	4.37	2.82	NA	4.64	4.00
1994	IL	Total Electric Industry	9.98	7.68	5.18	NA	6.47	7.41
1994	IN	Total Electric Industry	6.78	5.91	3.97	NA	9.02	5.25
1994	KS	Total Electric Industry	7.89	6.66	4.93	NA	10.94	6.61
1994	KY	Total Electric Industry	5.77	5.29	3.24	NA	4.67	4.26
1994	LA	Total Electric Industry	7.61	7.20	4.22	NA	6.81	6.05

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
1994	MA	Total Electric Industry	11.09	9.75	8.46	NA	12.60	10.00
1994	MD	Total Electric Industry	8.39	7.19	5.30	NA	8.58	7.03
1994	ME	Total Electric Industry	12.32	10.16	7.18	NA	14.63	9.63
1994	MI	Total Electric Industry	8.28	7.93	5.25	NA	10.54	7.09
1994	MN	Total Electric Industry	7.16	6.25	4.41	NA	7.21	5.63
1994	MO	Total Electric Industry	7.29	6.20	4.62	NA	7.07	6.28
1994	MS	Total Electric Industry	7.06	7.22	4.48	NA	8.60	6.05
1994	MT	Total Electric Industry	5.96	5.17	3.30	NA	4.49	4.51
1994	NC	Total Electric Industry	8.17	6.56	4.93	NA	6.91	6.62
1994	ND	Total Electric Industry	6.37	6.45	4.71	NA	3.82	5.77
1994	NE	Total Electric Industry	6.31	5.58	3.99	NA	6.53	5.49
1994	NH	Total Electric Industry	12.91	10.91	9.32	NA	13.36	11.32
1994	NJ	Total Electric Industry	11.54	9.84	7.94	NA	17.70	10.06
1994	NM	Total Electric Industry	9.14	8.30	4.70	NA	6.05	7.11
1994	NV	Total Electric Industry	7.16	6.97	5.45	NA	5.19	6.37
1994	NY	Total Electric Industry	13.55	11.67	6.77	NA	9.31	10.92
1994	ОН	Total Electric Industry	8.56	7.72	4.14	NA	6.36	6.19
1994	OK	Total Electric Industry	7.03	6.09	4.07	NA	5.29	5.84
1994	OR	Total Electric Industry	5.33	4.97	3.47	NA	5.27	4.60
1994	PA	Total Electric Industry	9.55	8.28	5.93	NA	11.43	7.87
1994	RI	Total Electric Industry	11.26	9.95	8.86	NA	11.23	10.24
1994	SC	Total Electric Industry	7.49	6.37	4.03	NA	5.84	5.67
1994	SD	Total Electric Industry	7.06	6.60	4.51	NA	4.62	6.19
1994	TN	Total Electric Industry	5.88	6.63	4.52	NA	7.74	5.23
1994	TX	Total Electric Industry	8.08	7.04	4.27	NA	6.79	6.42
1994	UT	Total Electric Industry	6.91	5.87	3.83	NA	4.50	5.36
1994	VA	Total Electric Industry	7.75	5.84	4.16	NA	5.63	6.20
1994	VT	Total Electric Industry	9.96	9.42	7.50	NA NA	14.88	9.13
1994	WA	Total Electric Industry	4.97	4.72	2.79	NA	3.83	4.02
1994	WI	Total Electric Industry	7.08	5.87	3.89	NA NA	7.00	5.46
1994	WV	Total Electric Industry	6.36	5.83	3.98	NA NA	9.44	5.25
1994	WY	Total Electric Industry	6.04	5.02	3.51	NA NA	6.45	4.26
1994	US	Total Electric Industry	8.38	7.73	4.77	NA NA	6.84	6.91
1994	AK	Full-Service Providers	11.32	9.66	8.37	NA NA	12.57	10.25
1994	AL	Full-Service Providers	6.69	6.76	4.12	NA NA	6.28	5.48
1994	AR	Full-Service Providers	8.07	6.88	4.60	NA NA	6.46	6.35
1994	AZ	Full-Service Providers	9.30	8.32	5.63	NA NA	5.47	7.93
1994	CA			10.90			5.47	9.78
		Full-Service Providers	11.43		7.09	NA NA		
1994	CO	Full-Service Providers	7.36	6.00	4.58	NA NA	7.43 14.00	6.07
1994 1994	CT DC	Full-Service Providers	11.47	9.99 7.15	7.90 4.63	NA NA	6.72	10.18
		Full-Service Providers	7.47					7.12
1994	DE	Full-Service Providers	8.91	7.00	4.62	NA	11.17	6.78
1994	FL	Full-Service Providers	7.78	6.35	5.13	NA	6.72	6.96
1994	GA	Full-Service Providers	7.72	7.33	4.57	NA	8.71	6.57
1994	HI	Full-Service Providers	12.45	11.67	8.82	NA	11.21	10.68
1994	IA	Full-Service Providers	8.09	6.32	3.88	NA	5.96	5.92
1994	ID	Full-Service Providers	5.09	4.37	2.82	NA	4.64	4.00
1994	IL	Full-Service Providers	9.98	7.68	5.18	NA	6.47	7.41
1994	IN	Full-Service Providers	6.78	5.91	3.97	NA	9.02	5.25
1994	KS	Full-Service Providers	7.89	6.66	4.93	NA	10.94	6.61
1994	KY	Full-Service Providers	5.77	5.29	3.24	NA	4.67	4.26
1994	LA	Full-Service Providers	7.61	7.20	4.22	NA	6.81	6.05
1994	MA	Full-Service Providers	11.09	9.75		NA	12.60	10.00
1994	MD	Full-Service Providers	8.39	7.19			8.58	7.03
1994	ME	Full-Service Providers	12.32	10.16	7.18	NA	14.63	9.63
1994	MI	Full-Service Providers	8.28	7.93	5.25	NA	10.54	7.09
1994	MN	Full-Service Providers	7.16	6.25	4.41	NA	7.21	5.63
1994	MO	Full-Service Providers	7.29	6.20	4.62	NA	7.07	6.28
1994	MS	Full-Service Providers	7.06	7.22	4.48		8.60	6.05
1994	MT	Full-Service Providers	5.96	5.17	3.30	NA	4.49	4.51
1994	NC	Full-Service Providers	8.17	6.56	4.93	NA	6.91	6.62
1994	ND	Full-Service Providers	6.37	6.45	4.71	NA	3.82	5.77
1994	NE	Full-Service Providers	6.31	5.58	3.99	NA	6.53	5.49
1994	NH	Full-Service Providers	12.91	10.91	9.32	NA	13.36	11.32
1994	NJ	Full-Service Providers	11.54	9.84	7.94	NA	17.70	10.06
1994	NM	Full-Service Providers	9.14	8.30	4.70	NA	6.05	7.11
1994	NV	Full-Service Providers	7.16	6.97	5.45	NA	5.19	6.37
1994	NY	Full-Service Providers	13.55	11.67	6.77	NA	9.31	10.92
1994	ОН	Full-Service Providers	8.56	7.72	4.14	NA	6.36	6.19
1994	OK	Full-Service Providers	7.03	6.09		NA	5.29	5.84
1994	OR	Full-Service Providers	5.33	4.97	3.47	NA	5.27	4.60
1994	PA	Full-Service Providers	9.55	8.28	5.93	NA NA	11.43	7.87
1994	RI	Full-Service Providers	11.26	9.95	8.86	NA NA	11.23	10.24
1994	SC	Full-Service Providers	7.49	6.37	4.03	NA NA	5.84	5.67
1994	SD	Full-Service Providers	7.06	6.60	4.51	NA NA	4.62	6.19
1994	TN	Full-Service Providers	5.88	6.63		NA NA	7.74	5.23
.00.			5.00	0.00	7.02	IVA	1.74	0.20

		nts/kilowatthour) by State by Provide			ı			
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
1994	TX	Full-Service Providers	8.08	7.04	4.27	NA	6.79	6.42
1994	UT	Full-Service Providers	6.91	5.87	3.83	NA	4.50	5.36
1994	VA	Full-Service Providers	7.75	5.84	4.16	NA	5.63	6.20
1994	VT	Full-Service Providers	9.96	9.42	7.50	NA	14.88	9.13
1994	WA	Full-Service Providers	4.97	4.72	2.79	NA	3.83	4.02
1994	WI	Full-Service Providers	7.08	5.87	3.89	NA	7.00	5.46
1994	WV	Full-Service Providers	6.36	5.83	3.98	NA	9.44	5.25
1994	WY	Full-Service Providers	6.04	5.02	3.51	NA	6.45	4.26
1994	US	Full-Service Providers	8.38	7.73	4.77	NA	6.84	6.91
1993	AK	Total Electric Industry	11.15	9.55	8.19	NA	12.77	10.12
1993	AL	Total Electric Industry	6.82	6.93	4.34	NA	5.89	5.67
1993	AR	Total Electric Industry	8.27	7.04	4.85	NA	6.93	6.62
1993	AZ	Total Electric Industry	9.65	8.70	5.80	NA	5.64	8.21
1993	CA	Total Electric Industry	11.30	10.46	7.33	NA	5.05	9.69
1993	CO	Total Electric Industry	7.24	5.82	4.52	NA	7.72	6.05
1993	CT	Total Electric Industry	11.39	10.04	8.29	NA	14.08	10.26
1993	DC	Total Electric Industry	7.18	7.15	5.91	NA	6.47	6.78
1993	DE	Total Electric Industry	9.01	7.25	4.88	NA	11.78	6.98
1993	FL	Total Electric Industry	7.99	6.69	5.26	NA	6.96	7.20
1993	GA	Total Electric Industry	7.79	7.44	4.74	NA	8.50	6.71
1993	HI	Total Electric Industry	12.28	11.68	8.95	NA	11.26	10.66
1993	IA	Total Electric Industry	8.02	6.36	3.92	NA	5.85	5.97
1993	ID	Total Electric Industry	4.99	4.42	2.81	NA	4.99	4.00
1993	IL	Total Electric Industry	10.28	8.00	5.45	NA	7.03	7.75
1993	IN	Total Electric Industry	6.67	5.83	3.88	NA	9.00	5.17
1993	KS	Total Electric Industry	7.86	6.70	4.94	NA	8.91	6.60
1993	KY	Total Electric Industry	5.70	5.29	3.30	NA	4.68	4.32
1993	LA	Total Electric Industry	7.76	7.38	4.44	NA	7.11	6.26
1993	MA	Total Electric Industry	11.00	9.67	8.66	NA	12.21	9.98
1993	MD	Total Electric Industry	8.21	7.17	5.45	NA	8.28	6.96
1993	ME	Total Electric Industry	11.43	9.45	6.96	NA	13.22	9.10
1993	MI	Total Electric Industry	8.16	8.02	5.34	NA	9.15	7.14
1993	MN	Total Electric Industry	7.09	6.19	4.40	NA	7.17	5.60
1993	MO	Total Electric Industry	7.26	6.26	4.71	NA	7.10	6.33
1993	MS	Total Electric Industry	7.12	7.45		NA	8.70	6.18
1993	MT	Total Electric Industry	5.77	5.10	3.10	NA	4.51	4.36
1993	NC	Total Electric Industry	8.18	6.59	4.90	NA	7.07	6.63
1993	ND	Total Electric Industry	6.31	6.48	4.85	NA	3.99	5.83
1993	NE	Total Electric Industry	6.25	5.68	4.04	NA	6.99	5.54
1993	NH	Total Electric Industry	12.31	11.01	9.04	NA	13.30	10.85
1993	NJ	Total Electric Industry	11.41	9.73	8.09	NA	17.54	9.99
1993	NM	Total Electric Industry	9.18	8.37	4.86	NA	6.13	7.23
1993	NV	Total Electric Industry	6.51	6.51	5.04	NA	4.87	5.87
1993	NY	Total Electric Industry	13.17	11.66	6.66	NA	9.14	10.72
1993	OH	Total Electric Industry	8.36	7.59	4.25	NA	6.23	6.22
1993	OK	Total Electric Industry	7.14	6.21	4.14	NA	5.87	5.96
1993	OR	Total Electric Industry	5.02	4.93	3.33	NA	5.33	4.43
1993	PA	Total Electric Industry	9.55	8.29	6.04	NA	11.56	7.92
1993	RI	Total Electric Industry	11.38	10.17	9.03	NA	11.14	10.40
1993	SC	Total Electric Industry	7.33	6.22	4.06	NA	5.67	5.64
1993	SD	Total Electric Industry	7.04	6.75	4.60	NA	4.55	6.20
1993	TN	Total Electric Industry	5.76	6.68	4.62	NA	7.91	5.22
1993	TX	Total Electric Industry	8.00	6.94	4.32	NA	6.68	6.39
1993	UT	Total Electric Industry	6.85	5.96			4.49	5.33
1993	VA	Total Electric Industry	7.57	6.14	4.19	NA	5.56	6.23
1993	VT	Total Electric Industry	9.84	9.31	7.50	NA	13.50	9.04
1993	WA	Total Electric Industry	4.60	4.50		NA	3.53	3.65
1993	WI	Total Electric Industry	7.03	5.95		NA	6.98	5.52
1993	WV	Total Electric Industry	6.30	5.78		NA	9.22	5.22
1993	WY	Total Electric Industry	5.96	5.04		NA	6.62	4.25
1993	US	Total Electric Industry	8.32	7.74		NA	6.88	6.93
1993	AK	Full-Service Providers	11.15	9.55	8.19	NA	12.77	10.12
1993	AL	Full-Service Providers	6.82	6.93		NA	5.89	5.67
1993	AR	Full-Service Providers	8.27	7.04	4.85	NA	6.93	6.62
1993	AZ	Full-Service Providers	9.65	8.70		NA	5.64	8.21
1993	CA	Full-Service Providers	11.30	10.46	7.33	NA	5.05	9.69
1993	CO	Full-Service Providers	7.24	5.82	4.52	NA	7.72	6.05
1993	CT	Full-Service Providers	11.39	10.04	8.29	NA	14.08	10.26
1993	DC	Full-Service Providers	7.18	7.15	5.91	NA	6.47	6.78
1993	DE	Full-Service Providers	9.01	7.25	4.88	NA	11.78	6.98
1993	FL	Full-Service Providers	7.99	6.69	5.26	NA	6.96	7.20
1993	GA	Full-Service Providers	7.79	7.44	4.74	NA	8.50	6.71
1993	HI	Full-Service Providers	12.28	11.68	8.95	NA	11.26	10.66
1993	IA	Full-Service Providers	8.02	6.36		NA	5.85	5.97
1993	ID	Full-Service Providers	4.99	4.42	2.81	NA	4.99	4.00
1993	IL	Full-Service Providers	10.28	8.00	5.45	NA	7.03	7.75

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
1993	IN	Full-Service Providers	6.67	5.83	3.88	NA	9.00	5.17
1993	KS	Full-Service Providers	7.86	6.70	4.94	NA	8.91	6.60
1993	KY	Full-Service Providers	5.70	5.29	3.30	NA	4.68	4.32
1993	LA	Full-Service Providers	7.76	7.38	4.44	NA	7.11	6.26
1993	MA	Full-Service Providers	11.00	9.67	8.66	NA	12.21	9.98
1993	MD	Full-Service Providers	8.21	7.17	5.45	NA	8.28	6.96
1993	ME	Full-Service Providers	11.43	9.45	6.96	NA	13.22	9.10
1993	MI	Full-Service Providers	8.16	8.02	5.34	NA	9.15	7.14
1993	MN	Full-Service Providers	7.09	6.19	4.40	NA	7.17	5.60
1993	MO	Full-Service Providers	7.26	6.26	4.71	NA	7.10	6.33
1993	MS	Full-Service Providers	7.12	7.45	4.59	NA	8.70	6.18
1993	MT	Full-Service Providers	5.77	5.10	3.10	NA	4.51	4.36
1993	NC	Full-Service Providers	8.18	6.59	4.90	NA	7.07	6.63
1993	ND	Full-Service Providers	6.31	6.48	4.85	NA	3.99	5.83
1993	NE	Full-Service Providers	6.25	5.68	4.04	NA	6.99	5.54
1993	NH	Full-Service Providers	12.31	11.01	9.04	NA	13.30	10.85
1993	NJ	Full-Service Providers	11.41	9.73	8.09	NA	17.54	9.99
1993	NM	Full-Service Providers	9.18	8.37	4.86	NA	6.13	7.23
1993	NV	Full-Service Providers	6.51	6.51	5.04	NA	4.87	5.87
1993	NY	Full-Service Providers	13.17	11.66	6.66	NA	9.14	10.72
1993	ОН	Full-Service Providers	8.36	7.59	4.25	NA	6.23	6.22
1993	OK	Full-Service Providers	7.14	6.21	4.14	NA	5.87	5.96
1993	OR	Full-Service Providers	5.02	4.93	3.33	NA	5.33	4.43
1993	PA	Full-Service Providers	9.55	8.29	6.04	NA	11.56	7.92
1993	RI	Full-Service Providers	11.38	10.17	9.03	NA	11.14	10.40
1993	SC	Full-Service Providers	7.33	6.22	4.06	NA NA	5.67	5.64
1993	SD	Full-Service Providers	7.04	6.75	4.60	NA NA	4.55	6.20
1993	TN	Full-Service Providers	5.76	6.68	4.62	NA NA	7.91	5.22
1993	TX	Full-Service Providers	8.00	6.94	4.32	NA NA	6.68	6.39
1993	UT	Full-Service Providers	6.85	5.96	3.78	NA NA	4.49	5.33
1993	VA	Full-Service Providers	7.57	6.14	4.19	NA NA	5.56	6.23
1993	VT	Full-Service Providers	9.84	9.31	7.50	NA NA	13.50	9.04
1993	WA	Full-Service Providers	4.60	4.50	2.40	NA NA	3.53	3.65
1993	WI	Full-Service Providers	7.03	5.95	3.98	NA NA	6.98	5.52
1993	WV	Full-Service Providers	6.30	5.78	3.96	NA NA	9.22	5.22
1993	WY	Full-Service Providers	5.96	5.76	3.50	NA NA	6.62	4.25
1993	US	Full-Service Providers	8.32	7.74	4.85	NA NA	6.88	6.93
1993	AK		10.82		7.74		14.21	9.95
		Total Electric Industry		9.45	4.29	NA NA		
1992 1992	AL AR	Total Electric Industry	6.69 8.28	6.85		NA NA	5.84	5.57
1992	AZ	Total Electric Industry	9.58	7.11 8.64	5.02 5.76	NA NA	6.77 5.74	6.71 8.13
		Total Electric Industry						
1992	CA	Total Electric Industry	11.07	10.33	7.59	NA	5.54	9.66
1992	CO	Total Electric Industry	7.20	5.77	4.59	NA	7.61	6.02
1992	CT	Total Electric Industry	11.07	9.86	8.22	NA	13.92	10.04
1992	DC	Total Electric Industry	6.61	6.91	5.68	NA	6.23	6.47
1992	DE	Total Electric Industry	8.66	7.01	4.71	NA	10.82	6.70
1992	FL	Total Electric Industry	7.75	6.58	5.02	NA	6.81	6.99
1992	GA	Total Electric Industry	7.73	7.50	4.76	NA	8.70	6.67
1992	HI	Total Electric Industry	10.90	10.53	7.83	NA	9.71	9.44
1992	IA	Total Electric Industry	8.02	6.35	4.02	NA	6.38	5.98
1992	ID	Total Electric Industry	4.93	4.30	2.72	NA	4.43	3.87
1992	IL	Total Electric Industry	10.29	8.09	5.47	NA	6.93	7.69
1992	IN	Total Electric Industry	6.86	6.00	4.00	NA	8.19	5.30
1992	KS	Total Electric Industry	7.90	6.67	4.93		8.88	6.56
1992	KY	Total Electric Industry	5.70	5.29	3.16	NA	4.66	4.19
1992	LA	Total Electric Industry	7.52	7.19		NA	6.44	6.01
1992	MA	Total Electric Industry	10.62	9.31	8.60	NA	11.27	9.66
1992	MD	Total Electric Industry	7.97	7.09	5.40	NA	8.92	6.80
1992	ME	Total Electric Industry	11.37	9.27	6.90	NA	12.91	9.05
1992	MI	Total Electric Industry	8.11	8.28	5.90	NA	9.30	7.23
1992	MN	Total Electric Industry	7.01	6.13	4.33	NA	6.94	5.52
1992	MO	Total Electric Industry	7.44	6.39	4.78	NA	7.06	6.41
1992	MS	Total Electric Industry	7.01	7.27	4.41	NA	8.45	6.03
1992	MT	Total Electric Industry	5.84	5.17	2.89	NA	4.49	4.19
1992	NC	Total Electric Industry	8.11	6.63	4.93	NA	7.07	6.60
1992	ND	Total Electric Industry	6.33	6.48	4.87	NA	3.85	5.81
1992	NE	Total Electric Industry	6.27	5.64	4.06	NA	6.77	5.53
1992	NH	Total Electric Industry	11.36	10.38	8.17	NA	13.43	9.97
1992	NJ	Total Electric Industry	10.87	9.33	7.71	NA NA	16.74	9.51
1992	NM	Total Electric Industry	9.06	8.27	4.80	NA NA	5.66	7.12
1992	NV	Total Electric Industry	6.19	6.33	4.92	NA NA	4.82	5.69
1992	NY	Total Electric Industry	12.43	11.17	6.50	NA NA	8.71	10.19
1992	OH	Total Electric Industry	8.24	7.57	4.14	NA NA	6.22	6.06
1992	OK	Total Electric Industry	7.17	6.10	3.86	NA NA	5.68	5.80
1992	OR	Total Electric Industry	4.93	4.88	3.22	NA NA	4.98	4.31
1992	PA	Total Electric Industry	9.67	8.47	6.21	NA NA	11.43	8.04
1002	i /\	rotal Electric madelly	9.07	0.47	0.21	IVA	11.43	0.04

	Price (Ce	nts/kilowatthour) by State by Provide	r, 1990-2020					
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
1992	RI	Total Electric Industry	11.17	10.05		NA	10.27	10.30
1992	SC	Total Electric Industry	7.19	6.17	4.03	NA NA	5.72	5.53
1992 1992	SD TN	Total Electric Industry	7.10 5.70	6.78 6.50	4.66 4.60	NA NA	4.55 7.42	6.22 5.21
1992	TX	Total Electric Industry Total Electric Industry	7.74	6.73	4.00	NA NA	6.34	6.16
1992	UT	Total Electric Industry	6.97	5.97	3.68	NA NA	4.36	5.30
1992	VA	Total Electric Industry	7.63	6.23	4.28	NA NA	5.57	6.28
1992	VT	Total Electric Industry	9.56	9.24	7.30	NA NA	12.88	8.83
1992	WA	Total Electric Industry	4.46	4.31	2.24	NA	3.34	3.43
1992	WI	Total Electric Industry	6.91	5.91	4.00	NA	7.04	5.48
1992	WV	Total Electric Industry	6.17	5.63	3.84	NA	8.59	5.05
1992	WY	Total Electric Industry	6.08	5.17	3.52	NA	6.40	4.27
1992	US	Total Electric Industry	8.21	7.66	4.83	NA	6.74	6.82
1992	AK	Full-Service Providers	10.82	9.45	7.74	NA	14.21	9.95
1992	AL	Full-Service Providers	6.69	6.85	4.29	NA	5.84	5.57
1992	AR	Full-Service Providers	8.28	7.11	5.02	NA	6.77	6.71
1992	AZ	Full-Service Providers	9.58	8.64	5.76	NA	5.74	8.13
1992	CA	Full-Service Providers	11.07	10.33	7.59	NA	5.54	9.66
1992	CO	Full-Service Providers	7.20	5.77	4.59	NA	7.61	6.02
1992	CT	Full-Service Providers	11.07	9.86	8.22	NA	13.92	10.04
1992	DC	Full-Service Providers	6.61	6.91	5.68	NA	6.23	6.47
1992	DE	Full-Service Providers	8.66	7.01	4.71	NA	10.82	6.70
1992	FL	Full-Service Providers	7.75	6.58	5.02	NA NA	6.81	6.99
1992	GA	Full-Service Providers	7.73	7.50	4.76	NA NA	8.70	6.67
1992	HI	Full-Service Providers	10.90	10.53	7.83	NA NA	9.71	9.44
1992 1992	IA ID	Full-Service Providers Full-Service Providers	8.02 4.93	6.35 4.30	4.02 2.72	NA NA	6.38 4.43	5.98 3.87
1992	IL	Full-Service Providers Full-Service Providers	10.29	4.30 8.09	5.47	NA NA	6.93	7.69
1992	IN	Full-Service Providers	6.86	6.00	4.00	NA NA	8.19	5.30
1992	KS	Full-Service Providers	7.90	6.67	4.93	NA NA	8.88	6.56
1992	KY	Full-Service Providers	5.70	5.29	3.16	NA NA	4.66	4.19
1992	LA	Full-Service Providers	7.52	7.19	4.22	NA NA	6.44	6.01
1992	MA	Full-Service Providers	10.62	9.31	8.60	NA NA	11.27	9.66
1992	MD	Full-Service Providers	7.97	7.09	5.40	NA	8.92	6.80
1992	ME	Full-Service Providers	11.37	9.27	6.90	NA	12.91	9.05
1992	MI	Full-Service Providers	8.11	8.28	5.90	NA	9.30	7.23
1992	MN	Full-Service Providers	7.01	6.13	4.33	NA	6.94	5.52
1992	MO	Full-Service Providers	7.44	6.39	4.78	NA	7.06	6.41
1992	MS	Full-Service Providers	7.01	7.27	4.41	NA	8.45	6.03
1992	MT	Full-Service Providers	5.84	5.17	2.89	NA	4.49	4.19
1992	NC	Full-Service Providers	8.11	6.63	4.93	NA	7.07	6.60
1992	ND	Full-Service Providers	6.33	6.48	4.87	NA	3.85	5.81
1992	NE	Full-Service Providers	6.27	5.64	4.06	NA	6.77	5.53
1992	NH	Full-Service Providers	11.36	10.38	8.17	NA	13.43	9.97
1992	NJ	Full-Service Providers	10.87	9.33	7.71	NA	16.74	9.51
1992	NM	Full-Service Providers	9.06	8.27	4.80	NA	5.66	7.12
1992	NV	Full-Service Providers	6.19	6.33	4.92	NA	4.82	5.69
1992	NY	Full-Service Providers	12.43	11.17	6.50	NA	8.71	10.19
1992	OH	Full-Service Providers	8.24	7.57	4.14	NA	6.22	6.06
1992	OK	Full-Service Providers	7.17	6.10	3.86	NA NA	5.68	5.80
1992	OR PA	Full-Service Providers	4.93	4.88 8.47	3.22	NA NA	4.98	4.31
1992 1992	RI	Full-Service Providers Full-Service Providers	9.67 11.17	10.05	6.21 9.22	NA NA	11.43 10.27	8.04 10.30
1992	SC	Full-Service Providers	7.19	6.17			5.72	
1992	SD	Full-Service Providers	7.19	6.78		NA NA	4.55	6.22
1992	TN	Full-Service Providers	5.70	6.50	4.60	NA NA	7.42	5.21
1992	TX	Full-Service Providers	7.74	6.73	4.20	NA NA	6.34	6.16
1992	UT	Full-Service Providers	6.97	5.97	3.68	NA NA	4.36	5.30
1992	VA	Full-Service Providers	7.63	6.23	4.28	NA NA	5.57	6.28
1992	VT	Full-Service Providers	9.56	9.24	7.30	NA	12.88	8.83
1992	WA	Full-Service Providers	4.46	4.31	2.24	NA	3.34	3.43
1992	WI	Full-Service Providers	6.91	5.91	4.00	NA	7.04	5.48
1992	WV	Full-Service Providers	6.17	5.63	3.84	NA	8.59	5.05
1992	WY	Full-Service Providers	6.08	5.17	3.52	NA	6.40	4.27
1992	US	Full-Service Providers	8.21	7.66		NA	6.74	6.82
1991	AK	Total Electric Industry	10.67	9.27	8.22	NA	12.12	9.80
1991	AL	Total Electric Industry	6.69	6.81	4.37	NA	5.77	5.64
1991	AR	Total Electric Industry	8.10	6.95		NA	6.83	6.69
1991	AZ	Total Electric Industry	9.14	8.30		NA	6.14	7.85
1991	CA	Total Electric Industry	10.79	10.04	7.58	NA	5.05	9.42
1991	CO	Total Electric Industry	7.07	5.73	4.56	NA	7.34	5.95
1991	CT	Total Electric Industry	10.51	9.49		NA	13.42	9.60
1991	DC	Total Electric Industry	6.58	6.64		NA NA	6.07	6.25
1991	DE	Total Electric Industry	8.62	7.03		NA NA	10.99	6.70
1991	FL	Total Electric Industry	7.91	6.77	5.19		6.85	7.16
1991	GA	Total Electric Industry	7.50	7.36	4.78	NA	8.54	6.56

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
1991	HI	Total Electric Industry	10.52	10.33	7.71	NA	9.56	9.22
1991	IA	Total Electric Industry	7.76	6.23	4.01	NA	6.14	5.94
1991	ID	Total Electric Industry	4.88	4.24	2.62	NA	4.83	3.84
1991	IL.	Total Electric Industry	9.87	7.95	5.49	NA	6.84	7.63
1991	IN	Total Electric Industry	6.73	5.94	4.04	NA	7.91	5.32
1991	KS	Total Electric Industry	7.83	6.62	4.95	NA	8.15	6.57
1991	KY	Total Electric Industry	5.68	5.34	3.39	NA	4.65	4.41
1991	LA	Total Electric Industry	7.40	7.03	4.15	NA	6.36	5.94
1991	MA	Total Electric Industry	10.40	9.22	8.52	NA	11.65	9.53
1991	MD	Total Electric Industry	7.90	7.03	5.50	NA	8.75	6.81
1991	ME	Total Electric Industry	10.45	9.06	6.70	NA	12.24	8.60
1991	MI	Total Electric Industry	8.06	8.19	5.89	NA	9.16	7.21
1991	MN	Total Electric Industry	6.92	6.07	4.26	NA	6.93	5.46
1991	MO	Total Electric Industry	7.39	6.39	4.90	NA	6.90	6.46
1991	MS	Total Electric Industry	6.88	7.18	4.49	NA	7.87	6.02
1991	MT	Total Electric Industry	5.76	5.00	2.92	NA	4.34	4.14
1991	NC	Total Electric Industry	7.95	6.48	4.82	NA	7.05	6.47
1991	ND	Total Electric Industry	6.21	6.39	4.87	NA	3.75	5.76
1991	NE	Total Electric Industry	6.09	5.61	4.15	NA	6.22	5.48
1991	NH	Total Electric Industry	10.38	9.60	7.44	NA	12.79	9.13
1991	NJ	Total Electric Industry	10.81	9.26	7.67	NA	16.32	9.46
1991	NM	Total Electric Industry	9.08	8.23	4.83	NA	5.89	7.14
1991	NV	Total Electric Industry	5.89	6.32	4.95	NA	4.88	5.60
1991	NY	Total Electric Industry	11.97	10.85	6.16	NA	7.89	9.79
1991	OH	Total Electric Industry	8.16	7.53	4.20	NA	6.08	6.11
1991	OK	Total Electric Industry	7.03	6.08	3.85	NA NA	5.63	5.78
1991	OR	Total Electric Industry	4.81	4.85	3.15	NA NA	5.30	4.25
1991	PA	Total Electric Industry	9.58	8.31	6.29	NA NA	11.20	8.00
1991	RI	Total Electric Industry	10.99	9.88	9.27	NA NA	10.13	10.17
1991	SC	Total Electric Industry	7.22	6.22	4.16	NA NA	5.71	5.63
1991	SD	Total Electric Industry	6.91	6.73	4.64	NA NA	4.35	6.13
1991	TN	Total Electric Industry	5.65	6.07	4.51	NA NA	6.87	5.21
1991	TX	Total Electric Industry	7.57	6.58	4.15	NA NA	6.20	6.06
1991	UT	Total Electric Industry	7.12	6.09	3.85	NA NA	4.37	5.46
		•						
1991	VA	Total Electric Industry	7.34	6.05	4.23	NA NA	5.35	6.09
1991	VT	Total Electric Industry	9.53	8.92	7.02	NA	13.42	8.63
1991	WA	Total Electric Industry	4.36	4.19	2.29	NA	3.21	3.37
1991	WI	Total Electric Industry	6.73	5.82	4.03	NA	6.68	5.45
1991	WV	Total Electric Industry	5.91	5.41	3.67	NA	8.60	4.84
1991	WY	Total Electric Industry	6.00	5.20	3.49	NA	6.62	4.25
1991	US	Total Electric Industry	8.04	7.53	4.83	NA	6.51	6.75
1991	AK	Full-Service Providers	10.67	9.27	8.22	NA	12.12	9.80
1991	AL	Full-Service Providers	6.69	6.81	4.37	NA	5.77	5.64
1991	AR	Full-Service Providers	8.10	6.95	5.05	NA	6.83	6.69
1991	AZ	Full-Service Providers	9.14	8.30	5.58	NA	6.14	7.85
1991	CA	Full-Service Providers	10.79	10.04	7.58	NA	5.05	9.42
1991	CO	Full-Service Providers	7.07	5.73	4.56	NA	7.34	5.95
1991	CT	Full-Service Providers	10.51	9.49	7.93	NA	13.42	9.60
1991	DC	Full-Service Providers	6.58	6.64	5.43	NA	6.07	6.25
1991	DE	Full-Service Providers	8.62	7.03	4.73	NA	10.99	6.70
1991	FL	Full-Service Providers	7.91	6.77	5.19	NA	6.85	7.16
1991	GA	Full-Service Providers	7.50	7.36	4.78	NA	8.54	6.56
1991	HI	Full-Service Providers	10.52	10.33	7.71	NA	9.56	9.22
1991	IA	Full-Service Providers	7.76	6.23	4.01	NA	6.14	5.94
1991	ID	Full-Service Providers	4.88	4.24	2.62	NA	4.83	3.84
1991	IL	Full-Service Providers	9.87	7.95	5.49	NA	6.84	7.63
1991	IN	Full-Service Providers	6.73	5.94	4.04	NA	7.91	5.32
1991	KS	Full-Service Providers	7.83	6.62	4.95	NA	8.15	6.57
1991	KY	Full-Service Providers	5.68	5.34	3.39	NA	4.65	4.41
1991	LA	Full-Service Providers	7.40	7.03	4.15	NA	6.36	5.94
1991	MA	Full-Service Providers	10.40	9.22	8.52	NA	11.65	9.53
1991	MD	Full-Service Providers	7.90	7.03	5.50	NA	8.75	6.81
1991	ME	Full-Service Providers	10.45	9.06		NA	12.24	8.60
1991	MI	Full-Service Providers	8.06	8.19		NA	9.16	7.21
1991	MN	Full-Service Providers	6.92	6.07	4.26	NA NA	6.93	5.46
1991	MO	Full-Service Providers	7.39	6.39	4.90	NA NA	6.90	6.46
1991	MS	Full-Service Providers	6.88	7.18		NA NA	7.87	6.02
1991	MT	Full-Service Providers	5.76	5.00	2.92	NA NA	4.34	4.14
1991	NC	Full-Service Providers	7.95	6.48	4.82	NA NA	7.05	6.47
1991	ND	Full-Service Providers	6.21	6.39		NA NA	3.75	5.76
1991	NE	Full-Service Providers	6.09	5.61	4.67	NA NA	6.22	5.48
1991	NH		10.38	9.60	7.44	NA NA	12.79	9.13
		Full-Service Providers						
1991	NJ	Full-Service Providers	10.81	9.26	7.67	NA NA	16.32	9.46
1991	NM NN/	Full-Service Providers	9.08	8.23	4.83	NA NA	5.89	7.14
1991	NV	Full-Service Providers	5.89	6.32	4.95	NA	4.88	5.60
1991	NY	Full-Service Providers	11.97	10.85	6.16	NA	7.89	9.79

		nts/kilowatthour) by State by Provide						
Year	State	Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
1991	OH	Full-Service Providers	8.16	7.53	4.20	NA	6.08	6.11
1991	OK	Full-Service Providers	7.03	6.08	3.85	NA	5.63	5.78
1991	OR	Full-Service Providers	4.81	4.85	3.15	NA	5.30	4.25
1991	PA	Full-Service Providers	9.58	8.31	6.29	NA	11.20	8.00
1991	RI	Full-Service Providers	10.99	9.88	9.27	NA	10.13	10.17
1991	SC	Full-Service Providers	7.22	6.22	4.16	NA	5.71	5.63
1991	SD	Full-Service Providers	6.91	6.73	4.64	NA	4.35	6.13
1991	TN	Full-Service Providers	5.65	6.07	4.51	NA	6.87	5.21
1991	TX	Full-Service Providers	7.57	6.58	4.15	NA	6.20	6.06
1991	UT	Full-Service Providers	7.12	6.09	3.85	NA	4.37	5.46
1991	VA	Full-Service Providers	7.34	6.05	4.23	NA	5.35	6.09
1991	VT	Full-Service Providers	9.53	8.92	7.02	NA	13.42	8.63
1991	WA	Full-Service Providers	4.36	4.19	2.29	NA	3.21	3.37
1991	WI	Full-Service Providers	6.73	5.82	4.03	NA	6.68	5.45
1991	WV	Full-Service Providers	5.91	5.41	3.67	NA	8.60	4.84
1991	WY	Full-Service Providers	6.00	5.20	3.49	NA	6.62	4.25
1991	US	Full-Service Providers	8.04	7.53	4.83	NA	6.51	6.75
1990	AK	Total Electric Industry	10.11	9.01	7.91	NA	13.22	9.48
1990	AL	Total Electric Industry	6.59	6.72	4.34	NA	5.61	5.57
1990	AR	Total Electric Industry	8.07	6.95	5.10	NA	7.08	6.70
1990	AZ	Total Electric Industry	9.04	8.29	5.58	NA	5.41	7.75
1990	CA	Total Electric Industry	9.98	9.46	7.28	NA	4.53	8.84
1990	CO	Total Electric Industry	7.02	5.67	4.49	NA	7.28	5.89
1990	CT	Total Electric Industry	10.01	9.11	7.55	NA	12.83	9.16
1990	DC	Total Electric Industry	6.10	6.35	5.16	NA	5.78	5.94
1990	DE	Total Electric Industry	8.39	6.91	4.51	NA	10.33	6.46
1990	FL	Total Electric Industry	7.77	6.66	5.08	NA	6.83	7.04
1990	GA	Total Electric Industry	7.46	7.33	4.83	NA	8.11	6.56
1990	HI	Total Electric Industry	10.26	10.18	7.57	NA	9.40	9.02
1990	IA	Total Electric Industry	7.81	6.27	3.98	NA	6.04	5.93
1990	ID	Total Electric Industry	4.87	4.25	2.62	NA	4.65	3.80
1990	IL	Total Electric Industry	9.92	7.77	5.40	NA	6.70	7.49
1990	IN	Total Electric Industry	6.87	6.05	4.07	NA	8.08	5.36
1990	KS	Total Electric Industry	7.83	6.64	4.94	NA	8.17	6.57
1990	KY	Total Electric Industry	5.69	5.37	3.58	NA	4.69	4.48
1990	LA	Total Electric Industry	7.41	7.05	4.19	NA	6.88	6.00
1990	MA	Total Electric Industry	9.66	8.56	7.89	NA	10.90	8.85
1990	MD	Total Electric Industry	7.22	6.71	5.10	NA	8.31	6.30
1990	ME	Total Electric Industry	9.30	8.03	5.96	NA	10.85	7.65
1990	MI	Total Electric Industry	7.83	8.14	5.85	NA	9.98	7.10
1990	MN	Total Electric Industry	6.80	5.98	4.14	NA	6.72	5.33
1990	MO	Total Electric Industry	7.36	6.46	4.95	NA NA	6.81	6.46
1990	MS	Total Electric Industry	6.89	7.21	4.65	NA NA	8.03	6.11
1990	MT	Total Electric Industry	5.45	4.68	2.87	NA NA	4.26	3.96
1990	NC	Total Electric Industry	7.84	6.42	4.77	NA NA	7.00	6.38
1990	ND	Total Electric Industry	6.26	6.45	4.79	NA NA	3.66	5.75
1990	NE	Total Electric Industry	6.23	5.73	4.19	NA NA	6.39	5.57
1990	NH	Total Electric Industry	10.34	9.50	7.47	NA NA	12.74	9.09
1990	NJ	Total Electric Industry	10.34	8.94	7.36	NA NA	15.96	9.08
1990	NM	Total Electric Industry	8.94	8.14	4.98	NA NA	5.78	7.10
1990	NV	Total Electric Industry	5.70	6.19	4.70	NA NA	4.49	5.38
1990	NY	Total Electric Industry	11.44	10.47	5.78	NA NA	7.96	9.37
1990	OH	Total Electric Industry	8.05	7.43	4.03	NA NA	6.14	5.89
1990	OK	Total Electric Industry	6.58	5.74			5.33	5.48
1990	OR	Total Electric Industry	4.73	4.79	3.16	NA NA	4.77	4.18
1990	PA	Total Electric Industry	9.22	8.09		NA NA	10.80	7.65
1990	RI	Total Electric Industry	9.84	8.93	8.35	NA NA	9.06	9.15
1990	SC	Total Electric Industry	7.15	6.15	4.18	NA NA	5.53	5.59
1990	SD	Total Electric Industry	6.95	6.68		NA NA	4.11	6.13
1990	TN	Total Electric Industry	5.69	6.09		NA NA	6.86	5.31
1990	TX	Total Electric Industry	7.20	6.17	4.03	NA NA	6.25	5.78
1990	UT	Total Electric Industry	7.20	6.17	3.80	NA NA	4.16	5.46
1990	VA	Total Electric Industry	7.13	6.06		NA NA	5.31	6.03
1990	VA	Total Electric Industry	9.27	8.50	6.62	NA NA	12.13	8.28
1990				4.15		NA NA		
1990	WA WI	Total Electric Industry	4.39 6.63	4.15 5.78	2.39 3.99	NA NA	3.13 6.47	3.40
		Total Electric Industry						5.37
1990	WV	Total Electric Industry	5.90	5.36		NA NA	8.19	4.73
1990	WY	Total Electric Industry	5.97	5.17	3.47	NA	7.90	4.21
1990	US	Total Electric Industry	7.83	7.34	4.74	NA NA	6.40	6.57
1990	AK	Full-Service Providers	10.11	9.01	7.91	NA	13.22	9.48
1990	AL	Full-Service Providers	6.59	6.72	4.34	NA	5.61	5.57
1990	AR	Full-Service Providers	8.07	6.95	5.10	NA	7.08	6.70
1990	AZ	Full-Service Providers	9.04	8.29	5.58	NA	5.41	7.75
1990	CA	Full-Service Providers	9.98	9.46		NA	4.53	8.84
	CO	Full-Service Providers	7.02	5.67	4.49	NA	7.28	5.89
1990 1990	CT	Full-Service Providers	10.01	9.11	7.55	NA	12.83	9.16

Year	State	nts/kilowatthour) by State by Provide Industry Sector Category	Residential	Commercial	Industrial	Transportation	Other	Total
1990	DC	Full-Service Providers	6.10	6.35	5.16	NA	5.78	5.94
1990	DE	Full-Service Providers	8.39	6.91	4.51	NA	10.33	6.46
1990	FL	Full-Service Providers	7.77	6.66	5.08	NA NA	6.83	7.04
1990	GA	Full-Service Providers	7.46	7.33	4.83	NA	8.11	6.56
1990	HI	Full-Service Providers	10.26	10.18	7.57	NA	9.40	9.02
1990	IA	Full-Service Providers	7.81	6.27	3.98	NA	6.04	5.93
1990	ID	Full-Service Providers	4.87	4.25	2.62	NA	4.65	3.80
1990	IL	Full-Service Providers	9.92	7.77	5.40	NA	6.70	7.49
1990	IN	Full-Service Providers	6.87	6.05	4.07	NA	8.08	5.36
1990	KS	Full-Service Providers	7.83	6.64	4.94	NA	8.17	6.57
1990	KY	Full-Service Providers	5.69	5.37	3.58	NA	4.69	4.48
1990	LA	Full-Service Providers	7.41	7.05	4.19	NA	6.88	6.00
1990	MA	Full-Service Providers	9.66	8.56	7.89	NA	10.90	8.85
1990	MD	Full-Service Providers	7.22	6.71	5.10	NA	8.31	6.30
1990	ME	Full-Service Providers	9.30	8.03	5.96	NA	10.85	7.65
1990	MI	Full-Service Providers	7.83	8.14	5.85	NA	9.98	7.10
1990	MN	Full-Service Providers	6.80	5.98	4.14	NA	6.72	5.33
1990	MO	Full-Service Providers	7.36	6.46	4.95	NA	6.81	6.46
1990	MS	Full-Service Providers	6.89	7.21	4.65	NA	8.03	6.11
1990	MT	Full-Service Providers	5.45	4.68	2.87	NA	4.26	3.96
1990	NC	Full-Service Providers	7.84	6.42	4.77	NA	7.00	6.38
1990	ND	Full-Service Providers	6.26	6.45	4.79	NA	3.66	5.75
1990	NE	Full-Service Providers	6.23	5.73	4.19	NA	6.39	5.57
1990	NH	Full-Service Providers	10.34	9.50	7.47	NA	12.74	9.09
1990	NJ	Full-Service Providers	10.36	8.94	7.36	NA	15.96	9.08
1990	NM	Full-Service Providers	8.94	8.14	4.98	NA	5.78	7.10
1990	NV	Full-Service Providers	5.70	6.19	4.70	NA	4.49	5.38
1990	NY	Full-Service Providers	11.44	10.47	5.78	NA	7.96	9.37
1990	ОН	Full-Service Providers	8.05	7.43	4.03	NA	6.14	5.89
1990	OK	Full-Service Providers	6.58	5.74	3.63	NA	5.33	5.48
1990	OR	Full-Service Providers	4.73	4.79	3.16	NA	4.77	4.18
1990	PA	Full-Service Providers	9.22	8.09	5.97	NA	10.80	7.65
1990	RI	Full-Service Providers	9.84	8.93	8.35	NA	9.06	9.15
1990	SC	Full-Service Providers	7.15	6.15	4.18	NA	5.53	5.59
1990	SD	Full-Service Providers	6.95	6.68	4.66	NA	4.11	6.13
1990	TN	Full-Service Providers	5.69	6.09	4.69	NA	6.86	5.31
1990	TX	Full-Service Providers	7.20	6.17	4.03	NA	6.25	5.78
1990	UT	Full-Service Providers	7.13	6.26	3.80	NA	4.16	5.46
1990	VA	Full-Service Providers	7.25	6.06	4.27	NA	5.31	6.03
1990	VT	Full-Service Providers	9.27	8.50	6.62	NA	12.13	8.28
1990	WA	Full-Service Providers	4.39	4.15	2.39	NA	3.13	3.40
1990	WI	Full-Service Providers	6.63	5.78	3.99	NA	6.47	5.37
1990	WV	Full-Service Providers	5.90	5.36	3.56	NA	8.19	4.73
1990	WY	Full-Service Providers	5.97	5.17	3.47	NA	7.90	4.21
1990	US	Full-Service Providers	7.83	7.34	4.74	NA	6.40	6.57

Table 1.1.9. Implicit Price Deflators for Gross Domestic Product [Index numbers, 2012+200]

Land Revised on: January 26, 2025 - Navi Release Date Pelaruary 25, 2025	
Line	10 10 10 10 10 10 10 10
1 Draw doments analysis	49 107 107 108 108 107 107 108 108 107 107 108 108 108 108 108 108 108 108 108 108
1 Graw domentic product	643 167 146 738 48 727 737 737 737 737 737 737 737 737 737
2 Personal concumption expenditures 3. Cooks	1.50 1.50 1.70 7.12 1.50 7.00 7.12 1.50 7.00 7.12 1.50 7.00 7.00 7.00 7.00 7.00 7.00 7.00 7
S Decision area is	168 169 129 227 128 150 177 179 150 120 177 179 150 150 177 179 150 150 150 150 150 150 150 150 150 150
4 Durative goods	1507 NO PARS A TAYL 2 TAYL 1 T
5 Nonderskie goals 6 Senties	5037 508 513 640 640 740 740 750 750 750 750 750 750 750 750 750 75
E Services T State schools despetit townstreed	4.00 (4.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
7 Gross private domentic investment E. Fiscal investment	15. 15. 15. 15. 15. 15. 15. 15. 15. 15.
E Newscheeld 9 Norwelleeld	16. 186 19. 16. 16. 16. 16. 16. 16. 16. 16. 16. 16
9 Novemberlini 20 Stratures	
11 Squipment	2021 2021 2021 2021 2021 2021 2021 2021
12 Intellectual property products	423 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
15 Residential	- 1.07 4.00
36 Experts	HIF 1278 NOW AND
17 Goods	AND ALGO TATE AND ALGO TATE AND ALGO TATE AND ALGO TATE AND TATE A
28 Services	** AND CARD CATE CATE CATE CATE CATE CATE CATE CATE
29 Imparis	- 800 1 1.27 1 1.00 1 7.00 1 1.27 1 1.00 1 7.00 1 1.01 1 1.00 1 7
30 Beek	- 8467 7.06 4.275 4.079 4.082 5.170 5.000 5.070 6.070
21 Services	** READ TATE NOTE TO BEEN AND AND AND AND AND AND AND AND AND AN
22 Government consumption expenditures and gross insertment	LIN 127 C47 C48 CM
28 Pedecial	- REAL CLTS - LTS
25 National defence	- 177 1 179
25 Nondefense	- ANN COLT 1071 CAT 1 CA
26 Nate and local	- 1895 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0
Addendum	
27 Gross national product	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Costs obtained from CEMS Cost Model (Rev. March 2007) for associated # of analyzers and flow monitor:

Assumptions flow monitor per stack monitored 10	2 stacks 3 stacks	Summary Statistics If of facilities installing a CEMS: Total If of FIR Analyzers (all facilities) Avg. If of FIR Analyzers per facility: Total If of Flow Meters Analyzers (all facilities) Avg. If of Flow Meters Per facility:	0 #DIV/0!

# of FTIR Analyzers per Facility	# of Flow Monitors per Facility	Key	TCI	Capital Recovery	Annual Cost	TAC	Кеу	# of Facilities Where Associated Key is Lowest Cost Compliance Methodology	# of FTIR Analyzers per Key	# of Flow Meters per Key
0	0	0-0	\$0	\$0	\$0	\$0	0-0	0	0	0
1	1	1-1	\$ 256,092	\$37,736	\$ 58,504	\$ 94,972	1-1	0	0	0
1	2	1-2	\$ 283,026	\$41,705	\$ 70,456	\$ 110,758	1-2	0	0	0
1	3	1-3	\$ 309,960	\$45,674		\$ 126,545	1-3	0	0	0
2	3	2-3	\$ 408,236	\$60,155		\$ 155,257	2-3	0	0	0
2	4	2-4	\$ 435,171	\$64,124		\$ 171,044	2-4	0	0	0
2	5	2-5	\$ 462,105	\$68,093			2-5	0	0	0
2	6	2-6	\$ 489,039	\$72,062		\$ 202,617	2-6	0	0	0
3	5	3-5 3-6	\$ 556,671 \$ 583.605	\$82,027		\$ 215,014 \$ 230,800	3-5 3-6	0	0	0
3	7	3-0	\$ 610.539	\$89,965	\$ 159,647	\$ 246,587	3-0	0	0	0
3	, ,	3-8	\$ 637,474	\$93,934	\$ 171,598	\$ 262,374	3-8	0	0	0
3	9	3-0	\$ 664,408	\$97,903	\$ 183,549	\$ 278,161	3-9	0	0	0
4	7	4-7	\$ 705,105	\$103,900		\$ 274,770	4-7	0	0	0
4	8	4-8	\$ 732,040	\$107.869		\$ 290,557	4-8	0	0	0
4	9	4-9	\$ 758,974	\$111,837	\$ 198,266	\$ 306,344	4-9	0	0	0
4	10	4-10	\$ 785,908	\$115,806	\$ 210,218	\$ 322,131	4-10	0	0	0
4	11	4-11	\$ 812,842	\$119,775	\$ 222,169	\$ 337,918	4-11	0	0	0
4	12	4-12	\$ 839,777	\$123,744			4-12	0	0	0
5	8	5-8	\$ 826,605	\$121,803		\$ 318,740	5-8	0	0	0
5	9	5-9	\$ 853,540	\$125,772		\$ 334,527	5-9	0	0	0
5	10 11	5-10 5-11	\$ 880,474 \$ 907.408	\$129,741 \$133.710		\$ 350,314	5-10 5-11	0	0	0
5	11					\$ 366,101		0	0	0
5	12	5-12 5-13	\$ 934,342 \$ 961.277	\$137,678 \$141.647	\$ 248,838 \$ 260,789	\$ 381,888 \$ 397,675	5-12 5-13	0	0	0
5	13	5-13	\$ 988,211	\$141,647		\$ 413,462	5-13 5-14	0	0	0
5	14	5-14	\$ 1,015,145	\$149,585		\$ 429,249	5-14 5-15	0	0	0
6	6	6-6	\$ 867.303	\$127,800	\$ 191.846	\$ 315,349	6-6	o o	ő	0
6	7	6-7	\$ 894,237	\$131,769		\$ 331,136	6-7	0	0	0
6	8	6-8	\$ 921,171	\$135,738		\$ 346,923	6-8	0	0	0
6	9	6-9	\$ 948,106	\$139,707		\$ 362,710	6-9	0	0	0
6	10	6-10	\$ 975,040	\$143,675	\$ 239,651	\$ 378,497	6-10	0	0	0
6	11	6-11	\$ 1,001,974	\$147,644			6-11	0	0	0
6	12	6-12	\$ 1,028,908	\$151,613		\$ 410,071	6-12	0	0	0
6	13	6-13	\$ 1,055,843	\$155,582		\$ 425,858	6-13	0	0	0
6		6-14	\$ 1,081,234	\$159,323		\$ 431,856	6-14	0	0	0
6	15 16	6-15 6-16	\$ 1,106,626 \$ 1,132,017	\$163,065 \$166,807	\$ 280,270	\$ 437,853	6-15 6-16	0	0	0
6	17	6-17	\$ 1,132,017	\$100,807		\$ 443,851 \$ 449,849	6-16	0	0	0
6	18	6-18	\$ 1,182,800	\$174,290		\$ 455,846	6-18	0	0	0
7	13	7-13	\$ 1,150,409	\$169,517		\$ 454,041	7-13	0	0	0
7	14	7-14	\$ 1,175,800	\$173,258	\$ 292,605	\$ 460,039	7-14	0	0	0
7	15	7-15	\$ 1,201,192	\$177,000	\$ 294,987	\$ 466,036	7-15	0	0	0
7	16	7-16	\$ 1,226,583	\$180,741			7-16	0	0	0
7	17	7-17	\$ 1,251,975	\$184,483	\$ 299,751	\$ 478,032	7-17	0	0	0
7	18	7-18	\$ 1,277,366	\$188,224			7-18	0	0	0
	19	7-19	\$ 1,302,758	\$191,966	\$ 304,514	\$ 490,027	7-19	0	0	0
7	20	7-20	\$ 1,328,149	\$195,707	\$ 306,896	\$ 496,025	7-20	0	0	0
7 8	21 15	7-21 8-15	\$ 1,353,541	\$199,449		\$ 502,023	7-21 8-15	0	0	0
8	16	8-15 8-16	\$ 1,295,757 \$ 1,321,149	\$190,934 \$194,676		\$ 494,219 \$ 500,217	8-15 8-16	0	0	0
8	17	8-17	\$ 1,321,149	\$194,676		\$ 506,217	8-16 8-17	0	0	0
8	18	8-18	\$ 1,371,932	\$202,159		\$ 512,212	8-18	0	0	0
8	19	8-19	\$ 1,397,324	\$205,900	\$ 319,231	\$ 518,210	8-19	0	ō	0
8	20	8-20	\$ 1,422,715	\$209,642	\$ 321,613	\$ 524,208	8-20	0	0	0
8	21	8-21	\$ 1,448,107	\$213,383		\$ 530,206	8-21	0	0	0
8	22	8-22	\$ 1,473,498	\$217,125	\$ 326,377	\$ 536,203	8-22	0	0	0
8	23	8-23	\$ 1,498,890	\$220,866		\$ 542,201	8-23	0	0	0
8	24	8-24	\$ 1,524,281	\$224,608		\$ 548,199	8-24	0	0	0
9	17	9-17	\$ 1,441,106	\$212,352	\$ 329,184	\$ 534,398	9-17	0	0	0
9	18 19	9-18 9-19	\$ 1,466,498 \$ 1.491.889	\$216,093 \$219.835		\$ 540,395 \$ 546,393	9-18 9-19	0	0	0
9	19	9-19	\$ 1,491,889 \$ 1,517,281	\$219,835	\$ 333,948	\$ 546,393 \$ 552,391	9-19 9-20	0	0	0
9	20	9-20	\$ 1,517,281	\$227,318		\$ 558,389	9-20	0	0	0
9		9-22	\$ 1,568,064	\$231.059			9-22	0	0	0
9	23	9-23	\$ 1,593,455	\$234,801			9-23	0	ō	0
9	24	9-24	\$ 1,618,847	\$238,543	\$ 345,858	\$ 576,382	9-24	0	ō	0
9	25	9-25	\$ 1,644,239	\$242,284	\$ 348,240	\$ 582,379	9-25	0	0	0
9	26	9-26	\$ 1,669,630	\$246,026	\$ 350,622		9-26	0	0	0
9	27	9-27	\$ 1,695,022	\$249,767	\$ 353,004	\$ 594,375	9-27	0	0	0
10		10-19	\$ 1,586,455	\$233,770		\$ 574,576	10-19	0	0	0
10		10-20	\$ 1,622,646	\$239,102	\$ 418,033		10-20	0	0	0
10	21		\$ 1,649,580	\$243,071	\$ 429,985	\$ 664,885	10-21	0	0	0
10		10-22	\$ 1,676,515	\$247,040	\$ 441,936	\$ 680,672	10-22	0	0	0
10	23	10-23	\$ 1,703,449	\$251,009			10-23	0	0	0
10	24	10-24	\$ 1,730,383	\$254,978	\$ 465,839	\$ 712,246	10-24	0	0	0
10 10	25 26	10-25 10-26	\$ 1,757,317 \$ 1,784,252	\$258,947 \$262.915		\$ 728,033 \$ 743,820	10-25 10-26	0	0	0
10	26 27	10-26	\$ 1,784,252	\$262,915	\$ 489,742	\$ 759,607	10-26	0	0	0
10	27	10-27	\$ 1,811,186	\$256,884		\$ 775,393	10-27	0	0	0
10	28	10-28	\$ 1,838,120	\$274,822		\$ 775,393	10-28	0	0	0
10	30		\$ 1,891,989	\$278,791			10-29	0	0	0
16	48		\$ 2,944,201	\$433,838		\$ 1,260,230	Note: Table discountir 16-48	0	0	0
						-	•			

		TCI	Capital Recovery		4	Annual Cost		TAC	
	Tota	al Costs for All	Facil	ities Installing	CEI	ИS			
Opt 1	\$	41,658,125	\$	5,932,102	\$	10,592,152	\$	16,524,267	
Opt 2a	\$	32,545,537	\$	4,634,476	\$	8,374,998	\$	13,009,482	
Opt 2b	\$	32,545,537	\$	4,634,476	\$	8,374,998	\$	13,009,482	
Opt 3	\$	24,716,503	\$	3,519,622	\$	6,431,162	\$	9,950,792	
	Ave	rage Cost Per I	Facili	ty					
Opt 1	\$	495,930	\$	70,620	\$	126,097	\$	196,717	
Opt 2a	\$	561,130	\$	79,905	\$	144,397	\$	224,301	
Opt 2b	\$	561,130	\$	79,905	\$	144,397	\$	224,301	
Opt 3	\$	588,488	\$	83,801	\$	153,123	\$	236,924	

ID 1	FacilityID 2707711	Filepath Filename	Description	ImportDate 11/27/2021 20:3:	StatusID 3 200	Supplemental FALSE
2	8142611			11/27/2021 20:3	8 200	FALSE
4	6560811			11/27/2021 20:4		FALSE
5	8142611 7945211			11/27/2021 20:5 11/27/2021 20:5		TRUE FALSE
10	17622611			11/27/2021 20:3		
11	7518611			11/27/2021 21:1		
12 13	6982311 6982311			11/27/2021 21:2: 11/27/2021 21:2:		FALSE TRUE
14	7647011			11/27/2021 21:20		FALSE
15	18934511			11/27/2021 21:3		FALSE
16	6721211			11/27/2021 21:3		FALSE
17	6721211 LIS			11/27/2021 21:4 11/27/2021 21:5		TRUE FALSE
21	LIS			11/27/2021 21:3		
22	MPROCVILLALBA			11/27/2021 22:04	4 200	FALSE
23	8409411			11/27/2021 22:1		FALSE
24 25	14657611 14657611			11/27/2021 22:2: 11/27/2021 22:2:		
26	3765611			11/28/2021 20:10		
27	17953511			11/28/2021 20:3		
28	17953511			11/28/2021 20:4		
29 30	5997411 5997411			11/28/2021 20:50 11/28/2021 20:50		FALSE TRUE
32	18809411			11/28/2021 21:1		FALSE
33	17953911			11/28/2021 21:2		FALSE
34 35	2686511 14638611			11/28/2021 21:50 11/28/2021 22:1		FALSE FALSE
37	12775411			11/29/2021 22:1		FALSE
38	6640211			11/29/2021 15:4	7 200	FALSE
39	6640211			11/29/2021 15:56		TRUE
42 43	2534011 2534011			11/29/2021 16:4		FALSE TRUE
43	2534011 4359211			11/29/2021 17:0: 11/29/2021 17:1:		FALSE
45	7746311			11/29/2021 17:4	200	FALSE
46	3699811			11/29/2021 17:5		FALSE
48 49	6449011 6449011			11/29/2021 18:4 11/29/2021 19:4		FALSE TRUE
50	8140511			11/29/2021 19:4		FALSE
51	DYNATEC			11/29/2021 20:2	1 200	FALSE
52	4553311			11/29/2021 21:1		FALSE
53 55	4553311 6888911			11/29/2021 21:4: 11/30/2021 16:5:		TRUE FALSE
57	6888911			11/30/2021 17:2		
58	3049411			11/30/2021 17:4	200	FALSE
59	3049411			11/30/2021 18:0		TRUE
60 62	3049411 3049411			11/30/2021 18:1 11/30/2021 19:2		FALSE TRUE
63	9061511			11/30/2021 19:3		FALSE
64	9061511			11/30/2021 19:5		TRUE
65	9061511			11/30/2021 19:5		
66 67	9132811 7582111			11/30/2021 20:1 11/30/2021 20:4		
71	3082511			11/30/2021 20:4		FALSE
73	3082511			11/30/2021 22:0		TRUE
76	1073211			11/30/2021 22:4		
77 78	1073211 16431311			12/1/2021 13:5: 12/1/2021 14:0:		TRUE FALSE
79	7703311			12/1/2021 14:0		FALSE
80	7703311			12/1/2021 15:30		TRUE
81 82	7703311 7697511			12/1/2021 15:3		FALSE FALSE
83	7307111			12/1/2021 17:24 12/1/2021 18:21		FALSE
85	3832911			12/1/2021 20:24		FALSE
86	2352911			12/1/2021 20:4		FALSE
87 88	1013511 7125311			12/1/2021 21:3 12/1/2021 22:1		FALSE FALSE
89	7125311			12/1/2021 22:5		
90	626211			12/1/2021 23:2		
91	EISSTERIGENICSLA			12/2/2021 12:5		
92 94	7172111 7172111			12/2/2021 13:10 12/2/2021 15:3:		FALSE TRUE
95	STERITEC			12/2/2021 15:3.		FALSE
96	MPROCJUNCOS			12/2/2021 16:3	1 200	FALSE
97	EISMEDTRONICFRIDLEY			12/2/2021 17:5		
98	9522411 5148911			12/2/2021 18:4 12/2/2021 19:2		
101	STRYKER			12/2/2021 13.20		
104	STRYKER			12/2/2021 22:4	3 200	
105 106	EISGENENTECH 18704311			12/2/2021 23:0: 12/3/2021 11:2		
106	18704311 OSCOR			12/3/2021 11:2		
110	9490411			12/3/2021 11:4	9 200	FALSE
111	WESTERN			12/3/2021 11:5	9 200	FALSE
112 113	18874311 MICROVENTION			12/3/2021 12:1: 12/3/2021 12:3:		
115	186811			12/3/2021 12:3:		
116	JAXCA			12/3/2021 13:10	5 200	FALSE
117	EISSTERISTEMECULA			12/3/2021 13:20		
119	EISSTERISTEMECULA EISSTERIGENICSONTARIO			12/3/2021 13:3: 12/3/2021 13:3:		
120	EISSTERIGENICSUNTARIO			12/3/2021 13:3:		
122	6755311			12/3/2021 14:20	200	FALSE
123	ALCON			12/7/2021 16:5:		
124 127	ALCON LNHCONCERT			12/7/2021 17:0 12/7/2021 17:3		
128	7842111			12/7/2021 17:50		
129	17953611			12/9/2021 15:5	5 200	FALSE
130	2845011			12/9/2021 16:0:		
131 132	4315911 17953911			12/9/2021 16:09 12/20/2021 18:09		
133	6572011			12/22/2021 13:1:		FALSE
134	15515811			1/12/2022 16:0	4 200	FALSE
135	PARTER			1/27/2022 22:1:		
136 138	626211 LNHCONCERT			1/31/2022 16:09 2/24/2022 21:5		
139	LNHBAYSIDE			2/24/2022 22:14	4 200	FALSE
141	2707711			2/24/2022 22:4	4 200	FALSE
142	MPROCVILLALBA			2/24/2022 23:0:		
145 146	4359211 MPROCJUNCOS			2/28/2022 20:5: 2/28/2022 21:1-		
147	EISMEDTRONICFRIDLEY			2/28/2022 21:3	5 200	FALSE
148	9522411			2/28/2022 21:5		
149 151	STERITEC CUSTOMED			2/28/2022 22:13 3/2/2022 16:14		
131	COSTONIED			3/2/2022 10.10	. 200	IALDE

to trapelle facilité de base des passes des passes des passes de la company de la comp	
a and and and and and and and and and an	
as 2 decided formular and a late of the la	
20 2 Baldes Printry Services	
20 2 800000 2000 200 200 20 20 20 20 20 20 20	
Software Inc.	
80 K 050840 pero Nertenark Joseph Serial Science Science Serial Science Science Serial Science	
A COST COST COST COST COST COST COST COST	
61 4 0.000 harmon in how 81 4 0.000 harmon in how 61 4 0.000 harmon in how 61 5 0.000 harmon in how	
6) 6 00000 (reparkent New 6) 6 00000 (reparkent New 6) 7 00000 (reparkent New 6) 8 00000 (repark	
Col. A District Name Now Col. A District Name No. A District	
Gi S Seldon Mill Gold Now Gi S Seldon Sold Seldon Now Gi S Seldon Sold Now Gi S Seldon Sold Now Gi S Seldon Seldon Seldon Gi S Seldon Seldon Seldon Gi S Seldon Seldon Seldon Gi S Seldon Seldon Gi S Seldon Seldon Gi S Seldon Seldon Gi S Seldon G	
G S SHEET SH	
O 6 SHEDD JAMES NOW O 6 SHEDD JAMES NOW	
No.	
and an approximate the last are local period at 3 delicities (2 delicities) and the last are local at 2 delicities (2 delicities) and the last are local at 2 delicities and the last are local at 2 delicities and the last are local at 2 delicities (2 delicities and 2 delicities).	10 10 10 10 10 10 10 10
D D SECURIFICATION PART OF STATE OF STA	
de distinct benefit and distinct benefit benefit by the benefit by	
m 0 00000 handel 100.40 m min 100.40 10 10000 11.0000 12.0000 12.0000 10.00000 10.0000 10.0000 10.0000 10.0000 10.0000 10.0000 10.0000 10.0000	
## 0 00000 tender 10.00 0000 tende 0.0000 0.0000 00	
S S SEED AND ADDRESS OF THE SEED STATES STAT	
100 100	
2.1 632.545 (120.55) Institut State (120.5 (
1	
6 40 40 40 40 40 40 40 40 40 40 40 40 40	
to a strain for the second	
1	
100 100	
60 K 500.00 Paper Laural De De De De Os Septimos K 500.00 Paper Laural De	
The State of the S	
10 20 6000 (Amber) 10 20 6000 (Amber) 10 20 6000 (Amber)	
10 20 80000-3000 30 20 8000-3000 30 20 8000-3000 30 8000-300	
SD 20 Billion Transact Who SD 20 Billion Constant SD 20 Billion Constant	
Ci 2 Billion Countries	
20 20 20 20 20 20 20 20 20 20 20 20 20 2	
(B)	
10 0 00000, 44 00 0 00000, 40	
10 30 1800400 403 100 3 100 4 1004 1004 10 1004 10 1004 10 1004 10 1004 10 1004 10 1004 10 1004 10 100	
10 at 100 (Co.), all	
C	
1	
1	
1	
1	
1	
The content of the	
1	
1	
1	
The content of the	
The content of the	
1	
The content of the	
The content of the	
The content of the	
The content of the	
The content of the	
The content of the	
The content of the	
The content of the	
The content of the	
The content of the	
The content of the	
The content of the	
The content of the	
March Marc	
March Marc	
The content of the	
The column	
1	

A	
4 May 2 May 1 May	
6 Milly land 1 Mills Amer Amer 1 Mills Amer	
4 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
4 miles 14 m	
* ***********************************	
1 May 1947 May 1947	
N any service laurement la	
N MONTH MARKET M	
State Stat	
4	
9 (90 (90 (90 (90 (90 (90 (90 (90 (90 (9	
1 miles 1 mile	
No. 100 Market No. 10	
5 Market 1 M	
<u> </u>	
4	
A SOUTH PARTY OF THE PARTY OF T	
# 300000 10 10 10 10 10 10 10 10 10 10 10 1	

